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Entirely Floral.

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# PARK'S FLORAL MAGAZINE.

VOL. XXXIV. No. 10.

LIBONIA, FRANK. CO., PA., OCTOBER, 1898.

## Circulation Bulletin.....

**FOR AUGUST:** Number of copies mailed, of Park's  
Floral Magazine, as indicated by Postoffice receipts **353,103**

**FOR SEPTEMBER:** Number of copies printed of Park's  
Floral Magazine, as indicated by press counters - - **362,000**

Address all advertising communications to **C. E. ELLIS, Advertising Manager,**  
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**PARK'S FLORAL MAGAZINE** is just what you need to keep you posted  
in floriculture and insure success. As you will observe by examining the copy



before you, it seems with practical reading of interest to the amateur florist. It tells you in a brief, concise way just what to cultivate, what treatment is required, how to arrange your flower beds and the plants in them, how to arrange flowers in bouquets and designs, how to protect your plants during winter, how to build and care for the conservatory, greenhouse, etc. It is a complete, practical, reliable guide for everyone who cultivates flowers. Examine this issue. Notice its practical articles, its numerous appropriate

illustrations, its varied floral information, and consider whether you can afford to do without it. Subscribe now. Only 25 cents a year, and each subscriber will get 25 splendid Freesias (see engraving) as a premium, if the subscription is received before December 1st. Or, if preferred, you may have 15 Tulips or 10 Pompon Hyacinths—all choice named sorts of different colors. Speak to your friends and ask them to send with you. Blank Lists, sample copies, etc., free. Don't delay, but subscribe at once. Address

**GEO. W. PARK, Editor and Publisher,**  
Libonia, Franklin Co., Pa.





SINGLE TULIP.

# All For 10 Cts.

Ten Beautiful Hardy Bulbs, with  
Park's Floral Magazine three  
Months, all for Ten Cents.

Again I have the pleasure of supplying a very choice collection of the beautiful spring-flowering bulbs as a premium, and I trust that very many of the readers will avail themselves of the liberal offer I make, and also secure the names of many new subscribers. The bulbs were grown carefully by Holland florists, and contracted for in immense quantities, by which means marvellously low rates were obtained, and I feel assured that in quality as well as quantity they will delight everyone who receives them. Here is the list of

## Choice Hardy Bulbs.

**Double Tulip**, choice named variety, early-blooming, rich in color, sure to bloom. I have many fine varieties, but the selection must be left to me.

**Single Tulip**, a superb named sort, my choice. I will, however, send an early, high-colored and beautiful variety that will be sure to please.

**Single Narcissus**, Biflorus, the superb twin-flowered Narcissus; flowers chaste white with red-edged cup, and deliciously scented.

**Double Narcissus**, the lovely Gardenia-scented variety; pure white, highly scented, very double; a very beautiful early spring flower.

**Jasanti**, Giant Yellow, bearing clusters of large golden yellow, deliciously fragrant flowers. Sometimes advertised as Golden Sacred Lily.

**Crocus**, Large Yellow, the most glorious of all Crocuses; each stalk bears a cluster of flowers, large, golden yellow, early and exceedingly attractive.

**Muscari** botryoides alba, the lovely new white Grape Hyacinth; an easily-grown, early and very beautiful spring flower; always greatly admired.

**Spanish Iris**, a superb variety of this exquisite species, sometimes called Garden Orchid, because of its charming form and color.

**Eranthus hyemalis**, a very early bulbous flower, golden yellow, graceful and showy; very rare.

**Scilla campanulata**, blue, the celebrated Wood Hyacinth; the flowers are bell-shaped, in fine spikes, and quite as showy and beautiful as an Italian Hyacinth.

**Get up a Club.** Fine bulbs of all of the above ten hardy flowers, with MAGAZINE three months, for only 10 cents. Plant them in a garden bed this autumn, and they will greet you with lovely blossoms almost before the snow is gone in the spring. You cannot invest ten cents in a way that will give you more satisfaction or pleasure than in subscribing for the MAGAZINE three months and securing this superb premium. Full cultural directions for indoors and outdoors will accompany every package, and this will insure your success. The collection is quite as useful for blooming in the house in pots, as for planting in the garden.

## GET UP A CLUB.

Any one of the following Choice Pompon Hyacinths mailed for club of two (20 cts.), four for club of five (50 cts.), or all (ten) for club of ten (\$1.00):

**Gertrude**, lovely rose pink, erect, compact spike.

**Sultane Favorite**, bluish pink, fine truss, graceful.

**Veronica**, dark carmine, handsome truss and bells.

**Alba superbissima**, pure white, large spike, fine.

**Faice de l'Europe**, snow white, drooping bells.

**Semiramis**, beautiful bluish white, fine truss.

**Baron von Thuill**, dark bright blue, large spike.

**Charles Dickens**, porcelain blue tinged lilac, fine.

**Regulus**, clear light blue, large, handsome truss.

**La Pluie d'Or**, citron yellow, one of the finest.

This superb collection of Hyacinths may be used either for house culture or bedding. The finest varieties in all the leading colors are included, and the bulbs will, unlike the large Hyacinths, continue to improve from year to year instead of to deteriorate. I heartily recommend them. Send for Blank Lists, Circulars, etc., and get up a club. Do so at once, before the season for planting these grand bulbs is past.

Address,

**PARK'S FLORAL MAGAZINE,**  
Libonia, Franklin Co., Pa.



DOUBLE TULIP.



DOUBLE NARCISSUS.



SINGLE NAR.



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IRIS HISPANICA.



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When answering the above advertisement please mention Park's Floral Magazine.

## CORRESPONDENCE.

Lantern Plant.—Mr. Park: Please tell Aunt Susie and I to keep their Lantern Plants, and they will give something that will please them next summer. A neighbor of mine has one that is a thing of beauty. She had it for the first time last summer. It now hangs full of lanterns—quite large—a good deal larger than a hen's egg. Her lanterns were out-doors all winter. They are very fine. Mrs. Maria A. Ellis.

Merrimack Co., N. H.

Mr. Park:—The juveniles mostly commence their communication in the Floral Magazine with "I am a little girl." Mine is a more pathetic opening. I am an old woman, and have almost reached the Psalmist's limit, but still I love flowers, and no labor or sacrifice seems too great to secure them. I must have some about me, if only a few pot plants, for my space is limited to only a spot very little larger than the one I am sure to fill in a few years. They help to pass away many an hour that would otherwise be solitary, indeed, for I have out-lived most of my friends, and being very deaf can make few new ones, so my flowers are both my medicine and recreation. Northampton Co., Pa. Mrs. M. D. L.

Dear Friend Park:—I wish to thank you for the box of premium plants which reached me in such fine condition. Not a leaf on one of the twenty-five was even wilted; they looked as though just packed. The Begonia rubra is a lovely little plant, and its leaves are coming out thickly spotted with silver. Why is this? The Gloxinia is lovely, and has three stout branches. The Cereus must be three or four years old judging from its size. To say that I am pleased but half expresses it. All the plants had good strong roots, capable of assimilating hearty food, so I mixed one-fifth old fine stable manure in the soil, which though fine and black is very poor. Our annuals are almost entirely a failure, as we have had no rain since May, and the soil dries out so quickly. We will save a few by putting them in boxes, so to keep them moist.

Mrs. John Auld.

Chicago, Ill., July 15, 1898.

## Educate Your Bowels With Cascarets.

Candy Cathartic, cure constipation forever. 10c, 25c. If C. C. C. fail, druggists refund money.

## DRUNKENNESS IS A DISEASE.

Will send free Book of Particulars how to cure "Drunkenness or the Liquor Habit" with or without the knowledge of the patient. Address Dr. J. W. Haines, No. 439 Race St., Cincinnati, O.

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### PERMANENTLY REMOVED.

I suffered for years with a humiliating growth of hair on my face, and tried many remedies without success; but I ultimately discovered the true secret for permanent removal of hair, and for six years have been applying my treatment to others, thereby rendering happiness to, and gaining thanks of thousands of ladies.

I assert, and will prove to you, that my depilatory treatment will destroy the follicle and otherwise permanently remove the hair forever. No trace is left on the skin after using, and the treatment can be applied privately by yourself in your own chamber.

If you are troubled, write to me for further information, and I will convince you of all I claim. I will give prompt personal and strictly confidential attention to your letter. Being a woman, I know of the delicacy of such a matter as this and act accordingly. Address, enclosing two stamps, HELEN MARKO, 156K Fifth Ave., New York City.

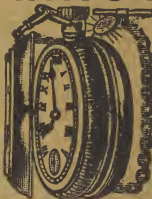
## BEAUTY of FACE and FORM can be gained by my treatment;

improvement will begin the first day, and after a short time you will delight yourself and your friends by acquiring a charmingly transparent, clean, pure, velvety skin. Lustrous eyes, and (if needed), development of the cheeks, neck, etc. I give my personal attention to you by mail, guaranteeing success; distance makes no difference. Address, enclosing stamp, for particulars, which I will send sealed in plain envelope. MME. C. HUNTLEY, Box 8032, NEW YORK, N. Y.



## FREE WATCH

Don't send a cent! A rare chance. For lady or gent, a heavy plated dust-proof case, American movement watch with a guarantee to equal for time any solid gold watch made if you sell only 12 boxes of Vegetable Pills at 25 cts. a box. Write to-day & we send Pills by mail at once, when sold send us the money & we send you the watch same day money is received. American Medicine Co. Dept. 1, Sta. O. N. Y.



COMBINATION DIPPER. Seven useful articles in one. Samples FREE, prepaid, to AGENTS. Other articles new and catchy. Write, postal will do. RUNDALL MFY., CORNING, N. Y.





MRS. D. HOUSEMAN.  
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me 26 pounds and I feel better  
now than I have for years."

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If so, why not reduce your weight and be comfortable. Obesity predisposes to Heart Trouble, Paralysis, Liver Diseases, Constipation, Rheumatism, Apoplexy, etc., and is not only dangerous, but extremely annoying to people of refined taste. Our remedy is simple, safe, pleasant to take and not expensive. **DON'T** do or take anything until you hear from us; we can tell you how to **MAKE REMEDY AT HOME** at a trifling cost. The following are a few of thousands who have been reduced in weight and greatly improved in health by its use:

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We are going to give away, barrels and

## BARRELS OF SAMPLE BOXES FREE

just to prove how effective, pleasant and safe this remedy is to reduce weight. If you want one, send us your name and address at once. It costs you NOTHING to TRY IT. Each box is sent in a plain sealed package with no advertising on it to indicate what it contains. Correspondence strictly confidential. HALL CHEMICAL CO., DL Box, St. Louis, Mo.



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We are giving away watches, cameras, solid gold rings, sporting goods, musical instruments & many other valuable premiums to boys and girls for selling 18 packages of **Royal English Ink Powder** at 10 each. Every package makes 50c worth of fine ink. We ask no money—send your name and address, and we will forward you 18 packages with premium list and full instructions. When you sell the Ink Powder send the money to us and select your premium. This is an honest offer. **We trust you.** Don't lose this grand opportunity. Write for the outfit today. Address all orders to **Imperial Ink Concern, 83 Adams St. Oak Park, Ill.**  
MENTION PARK'S FLORAL MAGAZINE

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**LET US START YOU.** Any one willing to work, can make \$20 to \$40 a week easy. The Quaker is the greatest seller and money-maker for agents known. Just what every body needs. No more bath tubs or Dr. bills. Guaranteed best made. Lowest price. Wt., 5 lbs. Easily carried. We are reliable. Capital \$100,000. Largest Mfrs. Write us anyway for New Plan, Terms, Pamphlets, Testimonials, etc., FREE. G. WORLD MFG. CO., Cincinnati, O.

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A complete shirt set for either lady or gentleman, all of the finest 14k rolled goldplate which cannot be bought in any store in the U. S. for less than 60c.; comprising latest style dumb bell cuff buttons, fancy Jura Diamond Set front collar button, pointer tie retaining back button, 2 sleeve buttons, all with Tyler Pearl backs and patent clasp. We guarantee value as stated, complete satisfaction and a year's wear or money refunded. Sent postpaid as a sample of our 3,000 bargains with catalogue for **only 15c. per Set**; 2 for 25c.; \$1.25 Doz.

R. H. INGERSOLL & BRO., 65 Cortlandt St. Dept. No. 131, N.Y.



## FREE!

We will send this triple **SILVER** Plated Ladies' **HEART STICK** PIN or GENTLEMAN'S SCARF PIN FREE to any person who sends a 2c. stamp to pay postage. Address

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MENTION PARK'S FLORAL MAGAZINE

## CARDS FOR 1898. 50 Sample Styles AND LIST OF THE PREMIUM ARTICLES FREE, HAYFIELD FELD CO., CADIZ, OHIO

## QUESTIONS.

**Plant Elixir.**—Will H. A. W. state if plant elixir is good for all plants, and should it be used every time the plants are watered, or but once a week?—Amateur.

**Palms.**—Will someone please give directions for treating Palms, including soil, pots and watering?—Mrs. G., Toledo, O.

**Peony.**—My Peony plants are healthy, but the buds blight. Give cause and remedy?—S. A. R.

**Tree Cactus.**—How shall I treat Tree Cactus to have it bloom?—Mrs. E. J. Merrell, N. Y.

**Verbenas Rusting.**—What will prevent my Verbenas in greenhouse rusting, that is foliage turning white in spots and finally dying?—Mrs. F.

**Rose.**—Is there a climbing Papa Gontier Rose? I have one I grew from a cutting taken from a Papa Gontier bush two years ago this spring. The more I cut it back the taller it grows.—I. C.

**Cactus Not Blooming.**—My night-blooming Cactus is two years old and has not bloomed. Will someone give reason and suggest successful treatment?—Mrs. B., Tenn.

**Tulips and Roses.**—Will someone who has had successful experience in cultivating Tulips and Roses in California give treatment?—Mrs. L., Cal.

## Asthma and Hay-fever Cure.—Free.

Our readers who suffer from Asthma or Hay-fever will be glad to know that a positive cure has been found for these diseases in the Kola Plant, lately discovered in West Africa. The cures wrought by this new botanic agent are really marvelous. Among others the editor of the *Farmer's Magazine*, of Washington, D. C., Mr. Alfred Lewis, testifies that after many years suffering, especially in Hay-fever season, the Kola Plant completely cured him. He was so bad that he could not lie down night or day for fear of choking. After fifteen years suffering from the worst form of Asthma, Mrs. A. McDonald, of Victor, Iowa, writes that the Kola Plant cured her in two weeks. Rev. S. H. Eisenberg, Centre Hall, Pa.; Rev. John L. Moore, Alice, S. C.; Mr. Frank C. Newall, Market National Bank, Boston, and many others give similar testimony of their cure of Asthma and Hay-fever, after five to twenty years suffering, by this wonderful new remedy. If you are a sufferer we advise you to send to the Kola Importing Company, No. 1164 Broadway, New York City, who to prove the wonderful power of the Kola Plant, will send every reader of PARK'S FLORAL MAGAZINE who needs it a Large Case by mail entirely free. Hay-fever sufferers should send at once, so as to obtain the effects before the season of the attacks. It costs you nothing, and you should surely send for it.

# PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXIV.

Libonia, Pa., October, 1898.

No. 10.

## REQUIEM.

Softly, wearily,  
Gently, dearly,  
Falleth the rain from the clouds to-day,  
And rain-bow gleams  
Of youthful dreams  
Are dull and dead as the skies so gray.

Vera Warren Payne.

Chenango Co., N. Y.

## TULIPS.

THE Tulip is among the first flowers which spring brings back to us, and with its advent all nature quickly responds, taking to herself much of the warmth, brightness and gaiety so

amply afforded by this bright flower. Among the different classes of Tulips none are more winsome and lovable than the single early-flowering ones. These blossom about the first of May, and range in color from snowy white to rich reddish purple, with intermediate tints of tender rose, golden yellow, delicate mauve and some hues of fiery scarlet which fairly dazzle the eye when looked at in the sunshine. I admire the taste of all those who term these Tulips their favorites.

Tulips should be planted in the fall, in September or October—the latter month preferred—in a high, well-drained location, fully exposed to the sun, setting the bulbs about six inches from each other. The soil should be porous and rich. They do much better if protected by straw, leaves or pine branches late in November than if left unprotected; but, whether protected or not, they are flowers that will grow into one's affections with peculiar tenacity when once given a trial. Try a few dozen—or hundred, if possible—and see for yourself. Benj. B. Keech.

Catt. Co., N. Y., Aug. 13, 1898.

**Fall-sown Sweet Peas.**—I have had Sweet Peas in bloom for three weeks. I sowed them in the fall. M. H. B.

Lapeer, Mich., June 14, 1898.

## HOW I START SLIPS.

I HAVE a box two feet wide, three feet long and eight inches deep. It stands about two feet high, and is on rollers. For soil I use rich, black dirt and sand. If I find it getting hard or lumpy I put in more sand, so the ground is loose and moist. I start my slips and new plants in this box, and move them as they get strong enough, or to make room for others. It is just the place for a delicate plant that you want to pet and give particular care. They will not bloom much, but how they will grow! I water every day, or oftener if they need it. How they love a shower bath of clean soap suds! Once a week I

water all my plants with chicken manure water. This brings blossoms, but it also brings the black fly and angle worms by the hundred. Then I sprinkle the ground with lime, and, although the plants thrive, the fly and its kindred must depart. Lime has never hurt my tenderest plants.

Waif Woodland.

Dick. Co., Kas.

**Ornithogalum arabicum.**—The Arabian Star of Bethlehem is without a rival for cultivation in the window garden or greenhouse, on account of the ease with which it can be grown, and the great length of time the flowers remain perfect when properly grown and cared for. The bulbs can be potted at any time from September to January, and should

be given a compost of two-thirds turfy loam and one-third well-decayed manure, well mixed. Use pots proportionate to the size of the bulb (a four-inch or five-inch pot), and in planting set the bulbs just below the surface of the soil, so that they will be entirely covered. Water thoroughly, and place in a dark, cool cellar to make root. Then they may be removed to a light, sunny situation, where a temperature of 50° to 60° is maintained, watering freely, and giving as much fresh air as is possible.

Chas. E. Parnell.

Floral Park, N. Y., Sept. 14, 1898.



TULIPS.



## THE FROST KING.

Welcome to the Frost King now,  
 Lightly touching leaf and bough  
 With his magic wand; behold  
 How the Maples turn to gold,  
 And the Sumac's ruddy flame  
 Puts the Goldenrod to shame,  
 While the Asters trembling stand  
 Fearful of his blighting hand.  
 'Neath his kiss the Lilies die,  
 And the zephyrs softly sigh  
 O'er the graves that still and deep  
 Many a summer glory keep,  
 As he goes from east to west,  
 Putting all the earth to rest.  
 Wizard, artist, prince and king  
 Far and near his praises ring.

Ruth Raymond,

Bradford Co., Pa., Sept. 10, 1898.

## ORNAMENTAL SHRUBS.

IN our enthusiasm over bulb planting let us not forget another class of plants which will repay us equally well for our trouble and expense, in steady growth and wealth of bloom. Fortunate is the owner of a garden which contains a succession of flowering shrubs, and at the low price at which they are now offered few need hesitate to indulge their desires on the ground of expense. Many very beautiful varieties have been brought of late years from Japan, and our native flora boasts many kinds which are well worthy a place in our gardens. They may be planted in November, after our bulbs are all busy making roots, and though we need not look for much bloom the following season, they will increase in beauty and value from year to year. The majority of ornamental shrubs come into blossom early in the season, but there are a few which make a grand display during the early autumn months. Chief among these ranks *Hydrangea paniculata grandiflora*, an established plant of which will give a hundred or more immense heads of bloom, each one a bouquet in itself. No flower excels this in lasting qualities, as the blooms remain on the bush from two to three months before fading, gradually turning from purest white to pink, and finally to a coppery red. It is truly a king among shrubs.

The *Deutzias* are handsome little shrubs, flowering in early spring. *D. gracilis* has single flowers borne in sprays much like the Lily of the Valley. It is fine for forcing in winter, though perfectly hardy in the open ground. *D. crenata* fl. pl. has double white blossoms which literally cover the bush. *D. rosea* is exactly the same in all except color, which is a delicate rose.

There are many *Spireas*, some shrubs, others perennial plants. Among the latter the best known is *Spirea Japonica*, a plant largely forced for Easter flowering, its delicate beauty contrasting well with the stately grandeur of *Lilium Harrisii*. *Spirea Van Houttei* is a grand shrub, bearing its lovely wreaths of snow-white bloom in April and May.

Another handsome shrub is *Weigela rosea*, giving immense cares bearing from top to bottom clusters of flowers, at a distance somewhat resembling apple-blossoms.

The *Rhododendron* is one of the grandest shrubs grown. Colors vary from white, through shades of pink and rose, to deep, rich crimson. It is easily grown and always admired.

Among taller-growing shrubs the *Lilac* is the first to bloom. Everyone welcomes this dear old flower, with its delicious perfume and lovely panicles of lilac and white bloom.

The *Japan Snowball* is a showy bush, being covered with white blossoms, which look like veritable balls of snow.

British Columbia is rich in native shrubbery. The *Flowering Currant*, covered with pink blossoms in earliest spring; the *Golden Broom* or *Gorze*, dear to every Scotchman's heart; several varieties of *Spirea*, both pink and white; the *Syringa* or *Mock Orange*, just the thing for decorations at June weddings; the *Coral Honeysuckle*, and wild *Clematis* are only a few of the beauties hidden away in this land of mountains and big trees, and we do well to introduce some of these into our home gardens. Chief among the shrubs used in our park gardens is the beautiful *Japanese Cherry*, the bush trained in the fantastic twists and curls peculiar to the Japanese, and a mass of beautiful pink blossoms. The *Japan Quince* has scarlet flowers, and blooms a little later. The hardy *Azaleas* are lovely when in bloom, looking more like delicate greenhouse beauties than shrubs which will live through winter's cold and rain.

These are but a few of the many beautiful shrubs which a small outlay would add to our gardens. No plants are more easily cared for or give greater satisfaction. For cemetery planting they are indispensable. Some complain that as so many flower early in spring the foliage takes too much room in our summer gardens. A good idea is to plant about a dozen bulbs of *Gladiolus* under the shrub, which may be thinned out a little after flowering to allow the *Gladiolus* spikes to push up between the branches. The old *G. brenchleyensis* is good for this, its scarlet flowers showing up well among the mass of green foliage. Wherever there is thick shrubbery bulbs should always be planted to light up what might otherwise give at times a gloomy effect. *Narcissus*, *Tulips* and *Crocuses* for spring; *Lilies*, *Montbretias* and *Gladiolus* for summer, and our shrubbery will indeed be a "thing of beauty and a joy forever."

J. G. Alcock.

Vancouver, B. C., Sept. 6, 1898.

[NOTE.—*Hibiscus Syriacus* (*Althea*) and *Kerria Japonica* fl. pl., the double *Corcorus Rose*, are two hardy, free-blooming shrubs that should not be omitted from any collection.—ED.]

**By the Wayside.**—In front of Grandmother's old home there are great clumps of pink and white *Phlox*, *Tiger Lilies*, *Hinge Plants*, *Boston Pinks*, and masses of *Lilacs*. She and her garden are gone, but the wayside tells of her love of flowers. Another place is around the old district schoolhouse. Nothing is left but the cellar and walls, but about the grounds are *Old Maids' Pinks* and *Dwarf Cherry Trees*.

E. B.

Worcester Co., Mass., Sept. 10, 1898.



**SACRED LILY.**

**M**R. EDITOR:—Here is a rude sketch of a flower that grows in the far western States. We call it Sand Lily. It has bulbous roots and blooms very early—usually at Easter. The flowers are an inch across, pure white and very sweet-scented. Each plant bears a dozen or more flowers, and where the bulbs are



numerous the ground is white with the bloom. The foliage is grass-like. It is curious that the seed-pods are beneath the soil, and in developing enlarge the stem above the bulb, as indicated at *a*. The plants are also sometimes called Prairie Stars.

El Paso Co., Col.

Mrs. P. D.

**Care of Bulbs.**—Bulbs should be procured early in the fall and planted as soon as they come from the dealer. Choose a place that is well drained. Mix into the soil plenty of manure and coal ashes, that it may be rich and porous. The reason so many bulbs fail is that the spring rains make soil heavy about them where there is not sufficient drainage. In November cover the beds with leaves or straw to the depth of ten inches, removing when it is time for the plants to appear above ground, and covering on very cold nights. Tulips, Hyacinths, Snowdrops and Crocuses are all desirable bulbs for early bloom.

Ruth Raymond.

Bradford Co., Pa., Sept. 10, 1898.

**Flowers and Chickens.**—This is the way I raise flowers and chickens in the same yard. In the spring I dig up my beds and place my plants or seeds where I want them. Then I get long hedge sticks, straight and sharp, and place them across the bed each way and where chickens can't scratch they won't pick. The flowers soon grow through and hide the sticks. My yard is full of flowers and chickens, and both are doing well. As I look at my Pansies, Sweet Peas, Geraniums and other plants in full bloom I cannot but feel grateful for the little sharp sticks that save them.

Mrs. W. Hallen.

Mason Co., Ill., July 26, 1898.

**A WINTER-BLOOMING SHRUB.**

**M**R. EDITOR:—I enclose flowers of a shrub which blooms outdoors in April. On December 24th I potted one for the house, and in a month it was white with bloom, but leaves did not appear until after flowering. On February 22nd I took up another, planting it in a fish kit. Now it is in bloom. The ground has not been frozen much this winter. I cut the top off, and now it sprouts out finely, and will make nice bushy plants for next winter. I shall pot it in the fall, and keep in a cool place till a month before I wish it to bloom. This is the most sure to bloom, and the least trouble of any good shrub I know of. One of my out-door plants is five feet high. I shall buy or raise nice bushy plants for winter-blooming. I have two large clumps in the yard which are about twelve years old. The little clear white rose-like flowers are so pretty for cut flowers.

Sarah S. Seymour.

Jewell Co., Kansas.

[NOTE.—The spray enclosed (see engraving) was of *Spirea prunifolia*, often called Bridal Wreath, because its slender branches become great wreaths of white flowers in early spring before the foliage has developed. It is perfectly hardy, and often used for cemetery planting, for which it is appropriate.—Ed.]



**Flowers for Church.**—Those who arrange flowers for church will be glad of suggestions. Try yellow field Daisies with "five-fingered" Fern. The effect is grand. They should be kept in a cool cellar till they are needed, or they will wilt. Nothing is more graceful than native yellow Lilies. The red are also showy. Gentian placed in bright sunshine for two or three hours will open blue as the sky. The velvet Coxcombs in yellow, crimson, garnet and maroon harmonize with pulpit furnishings. Whatever you do have quantities, as there is always a nook that needs a few more flowers or green.

Eliza Bradish.

Worcester Co., Mass.

**Plants for Winter.**—In a cool room the old-fashioned Mallow blooms well. It is hardy, and will bloom where other plants will not live. Young Verbenas taken up from the garden early and placed in a sunny window will bear an abundance of flowers. Seedling Nasturtiums potted or planted in a basket so that they may become well started before winter will make a fine display in the window.

Bangor, Me.

N. E. C.



Bent and faded and old,  
As it swings by the wall to-day

### TURNING GRAY.

Crimson and gold are the autumn trees,  
And yellow the grain to-day,  
But old age sighs on the passing breeze,  
For the Goldenrod is gray;  
Bent, and faded, and old,  
As it swings by the wall to-day,  
It has given the autumn its wealth of gold,  
And now it is turning gray.

Crimson and gold are the dreams that come  
When our youth has passed away,  
And the future's promising voice is dumb,  
And our hair is turning gray;  
Bent, and faded, and old,  
But a coronet Peace will lay  
On lives that have given the heart's best gold,  
And heads that are turning gray.

*Florence Josephine Boyce.*  
Washington Co., Vt.

### SUMMER HAS GONE.

On the hills I see the golden browns,  
In the valleys the Sumac's red,  
The pastures bare and the grain fields dun  
All say to me "Summer is dead."

The call of the robin's mustering clan,  
The cry of the querulous jay,  
The lonely nests, filled with yellow leaves,  
All tell me that summer's away.

The dripping boughs of the Apple trees,  
And the misty and leaden sky,  
The north wind cold as it rustles past,  
All moan that summer's gone by.

The moon's cold face in the distant blue,  
And the southerly-tending sun,  
The glimmering stars in the chilly night,  
Each whisper me "Summer is done."

The purple Grapes by the river side,  
And the flower borders dead and sere,  
The rustling leaves neath the Maple trees,  
Whisper "Winter is near, is near."

But when the autumn of life comes on,  
Oh, give to us—thus 'tis we pray—  
A promise of summer that lies beyond,  
A summer that fades not away.

*Maude Meredith.*  
Dubuque, Iowa, Sept. 14, 1898.

### BRIGHT GOLDENROD.

Sweet, hardy Goldenrod,  
What scepters gay you lift  
In every vacant corner  
With fading plants adrift.  
You herald in our autumn,  
And cheerfully essay  
With richest gold our valleys  
And orchards to array.

*Cherokee Co., Kan.*

*Ad H. Gibson.*

### THE BLACK ALDER.

(*Ilex verticillata.*)

The red and golden drapery  
Of the trees in field and wood,  
And the crimson covered trimmings  
Upon the tall Oak's hood,  
Have vanished from the landscape,  
And shadows cold and gray,  
With frost gems thickly powdered,  
Shroud the brown earth to-day.

Near graceful lady Birches,  
Whose white arms are upraised  
As though in supplication,  
Or with surprise, amazed,  
Some little gypsy beauties,  
Brown tinted, by the wall,  
Are decked in scarlet jewels,  
The Alders black and small.

"Whence came they?" ask the Birches,  
"These wild maids bright, arrayed  
In clusters of red jewels,  
Their coming long delayed;  
For summer's lately vanished,  
And skies are cold and gray,  
But these laughing gypsy maidens  
Now make the landscape gay!"

Hal! hal! the red-gemmed gypsies,  
The Alders black and small,  
Are defying frost fays bravely  
By yonder roadside wall;  
And they say to wondering Birches  
"We loitered by the way  
To come and gladden nature  
When flowers have had their day."

*Franklin Falls, N. H. Ray Lawrence.*

### A MESSAGE OF CHEER.

The daylight was slowly fading,  
The rain fell drearily down,  
And Grandma sat sadly thinking  
Of loved ones long since gone.  
Her hands were folded idly  
As she mused of the long ago,  
Of the dear old country cottage,  
And the flowers she'd tended so.

A tap at the door of her dwelling,  
The step and the happy face  
Of a bright, flower-laden lassie  
Brought light to that lonely place.  
The Tulips' blaze of glory,  
The Hyacinths' fragrance sweet,  
And the glow of the golden Crocus,  
Seemed to mock the winter's sleet.

The old lady bent over them gladly,  
And with fingers that trembled now  
Touched lovingly the blossoms,  
And caught the reflected glow  
Of their brightness in her spirit.  
And her thoughts soared far above,  
Where her dear ones waited for her  
In the Father's home of love.

*Vancouver, B. C., Sep. 9, 1898. J. G. A.*

### THE YOUNG QUEEN.

When autumn trips across the plain,  
And woodland songsters call,  
Then summer sings a sad refrain,  
And tears of parting fall.

But tho' fair summer's verdant shoes  
Grow withered, sere and brown,  
And frost removes the flowers from  
Her sun-kissed summer gown,

What fairer queen could take the place  
Of one grown bent and old,  
Than autumn in her festal robes  
Of crimson tints and gold.

*Genie L. Boyce.*  
Washington Co., Vt., Aug. 30, 1898.



## AN ORNAMENTAL THISTLE.

**Y**EARS ago—not for a farm would I tell how many, for it was in my childhood—I used to admire the great Scotch Thistle that grew by my grandfather's home. The leaves are immense, and beautifully blotched with white. The blossom is not anything remarkable—about like a large bull thistle, but the foliage makes an exceedingly showy lawn plant. The seeds have been kept in the family, and come down to me, because, mind you, this is our ancestral Thistle, and the seeds were brought here from Scotland by an ancestor. Because of all this, and because we are descendants of the celebrated John Knox, I call my Thistle the "John Knox Thistle." It is quite true that I have no record that the reverend ever pricked his fingers on the great-great-grandfathers of my particular Thistles, but I am sure he did—if he went near them. Anyhow, I feel secure in the name—copyright not applied for, and I would not lose my yearly bed of Thistles for anything. They do not seed themselves, but must be planted each spring.

Maude Meredith.

Dubuque, Iowa, Sept. 14, 1898.

**A Bank of Bloom.**—On the portico of a hotel of which I was recently a guest, were rustic stands holding vines and flowers in abundance, and below, reaching from the ground to the portico floor was a receptacle which displayed a bank of flowers. It was made like stairs, five in number, each step being a box filled with plants, making a perfect bank of bloom. There were Geraniums of every description and color, Asters, Coleus and other easily-grown plants, and the effect was charming. Our hostess told us the boxes were common scythe boxes (obtainable at any hardware store, gratis), filled with dirt and set on a stair-like frame. The foliage was so thick that the boxes were not visible, and the effect was one of the finest I have ever seen in the arrangement of potted plants. Try it sisters, and you will be well satisfied with the result.

F. J. B.

Washington Co., Vt., July 23, 1898.

**Dwarf Calla.**—My Dwarf Calla is a giant. The leaf and blossom stalk are both larger than those of the common Calla, and the blooms about the same size. I have it potted in a two-quart pail of swamp muck and sand. I have not repotted it for two years, only renewed the top soil and given it liquid manure water when growing and blooming. I also keep down all sprouts. It is in a broad south window, with the old Calla, the Black Calla and the Spotted Calla for companions.

Mrs. Ida S. Helms.

Barron Co., Wis., Aug. 1, 1898.

**Hardy Pompon Chrysanthemums.**—These are good plants for the border. I have two, yellow and crimson. They produce their small but perfectly double flowers in great profusion.

Lincoln Co., Wash.

Aunt Anna.

## SELF-SOWN SWEET PEAS.

**I**T sometimes happens, here in Central Illinois, that rain prevents gardening until the last of April or the beginning of May. As it is always advised by writers to plant Sweet Peas early to have the best results, we who must of necessity wait until the ground gets in condition for planting are not apt to see the best results. Last spring, long before the garden was fit for cultivation I found "volunteer" Sweet Peas coming up. They were not deep enough in the earth to make permanent residence practical, so I lifted them and transplanted them. The soil was so wet and soggy that I expected them to damp off. In this I was agreeably disappointed. After they were transplanted they grew vigorously, and by the time I could sow my seeds these plants were several inches high. They began blooming by the first of June, and bloomed continuously the entire season. The early blossoms were much finer than those which came later.

This bit of good luck has started the idea that it might be found practical to sow Sweet Peas as late in the fall as possible, say the last of November or the first of December in this locality. By this method an early crop of blossoms would be assured. I find it an easy matter to transplant Sweet Peas. Indeed it has been more satisfactory in my case than the deep trench system, for the reason that the rains invariably level the trenches and so lessen the chances of the germination of the seeds.

Lina.

McLean Co., Ill., Aug. 20, 1898.

**Cosmos.**—I have made up my mind that Cosmos is of no value for Massachusetts. The first I ever saw or heard of my sister had, and the frost got them. She said some were in bloom on another street. Last season was my first and last experience. The seeds were planted February 1st. They were potted in March. April 1st the tops were nipped; perhaps they would have blossomed earlier if this had not occurred. They were in the ground and staked the middle of June. They grew seven feet tall and branched finely. Buds formed the middle of September. For two weeks I covered them at night, but one morning I found them limp and black. Well, I took the little hatchet (not Washington's) and cut them down. Two blossoms and foliage did not pay me.

Worcester Co., Mass. Eliza Bradish.

**Tin Cans.**—To prepare a tin can for a plant I put it on the stove and melt off the small circular piece of tin on the top, and use that end for the bottom of the can. Then I melt or cut off the other end. By placing something in the bottom a little larger than the hole one can lift a plant out without disturbing the roots at all. I cover the outside with thick paint or a thin layer of putty, and roll in a dish of nice sand or fine gravel, putting in small shells if I have them. Cans thus prepared last for years.

Mrs. H. Dickens.

### ABOUT PILOCEREUS AND MAMMILLARIA.

**P**LANTS of *Pilocereus* are distinguished from the true *Cereus* by the hair-like spines which cover them. *Pilocereus senilis*, popularly called Old Man Cactus, is one of the greatest curiosities of plant life. It always attracts attention, and is certainly one of the strangest of Cactuses. It derives both its botanical and popular names from the long, silvery white hairs which cover the upper portion of its stem. It looks very much like the white head of an aged person. These hairs grow to the length of several inches, are not rigid, but soft and silky, and completely clothe the stem. The young plants are most beautiful, but young or old they are all wonderful. There are many more beautiful species of *Pilocereus*, but this is a leading member.

Of *Mammillarias* there are at least fifty species I am acquainted with. One of the oddest of these is *M. Grahamii*. It sends out its sweet, rose-colored flowers from June till August, but if it never blossomed it would always keep its place as a plant of odd beauty, with its cute little hooks for spines.

*M. stella aurata*, popularly called Golden Star or Lace Cactus, either one quite appropriate, is one of the most attractive of Cactuses. When in good condition the whole plant is covered with star-like rosettes of yellow and white spines, which impart a very distinct appearance to it, especially when in contrast with the white-spined forms. In style of growth it is about two inches high, one-half inch in diameter, and branches freely. Flowers small and white. There are very many beautiful plants among the *Mammillarias*, and almost the only enemy they have is water.

Ida Belmer Camp.

Tuscola Co., Mich.

**Water Hyacinth.**—A friend living in Waldo, Florida, came North this summer, and brought me a plant from the river. I took a stone jar, put in two inches of garden dirt, woods moss, and some moss that came around mailed plants. The plant was placed in the jar, which was filled with lukewarm water, and set partly under the eaves at the south side of the house. It has increased fourfold, and had eight spikes of lavender flowers, one petal dark blue with yellow center. Twice it has had a handful of fresh-slaked lime. The only objection to it is that the flowers last but a day. Every morning there are new ones, and will be until frost.

Eliza Bradish.

Worcester Co., Mass., Sept. 10, 1898.

**Calceolarias.**—*Calceolarias* may be grown from seeds, but the seeds are so very small they are difficult to manage. They can be raised from slips, although they do not root easily. They grow very fast when they once get started, and I think they are among the best pot plants we have. The blossoms are large and handsome, and remain in good condition from three to four months.

Lincoln Co., Wash.

Aunt Anna.

### THE WORTH OF EXPERIENCE.

**V**ERY many plants die for the amateur flower-grower from lack of proper care. I have found that such experience is not valuable, for while one learns that under certain conditions plants will not grow there is no knowledge gained as to their successful treatment. For instance, take *Calceolarias*. I planted a package of seed from two different firms. Every seed seemed to sprout, a thing which always makes me doubtful of the value of a plant. The young plants grew rapidly, and were soon covered with buds, and they were also soon covered with mealy bugs. I sprayed with tobacco juice, and washed with water, which did some good, but when I found the flowers were all alike, insignificant little yellow things about the size of a bean, I concluded they were not worth so much trouble. About a week later I threw them all away, and they were then covered with red spider. I gained nothing by this experience.

I don't mind giving a plant a reasonable amount of care, but I think it is foolish to be forever fussing over plants with such unpleasant characteristics, when finer kinds can be grown with ordinary attention. Just here let me say that I have found a sponge to be just the thing for wetting the under side of leaves for red spider.

Mrs. C. S. Clark.

San Luis Obispo Co., Cal.

**Floral Hints.**—In transplanting Ferns from the woods take a good-sized basket, and into it lift the plants, disturbing the roots as little as possible. Small plants are preferable. Give them a shady place with soil as nearly as possible like that in which they grew. \*\* Worms in the soil come from manure generally. Sprinkle sulphur on the leaves of the plants and over the soil. Lime water is said to be good, but I have found nothing better than sulphur for the worm and the little fly which comes from the worm.

*Fuchsias* which have bloomed through the summer months should be placed in the cellar for winter. Give only enough water to keep the soil slightly moist, and let them rest. Bring them out of the cellar in March, and with light, warmth, and plenty of water they will soon send forth new branches and green leaves. After this prune them well back, and they will soon produce new branches on which the beautiful flowers will appear.

Ruth Raymond.

Bradford Co., Pa., Sept. 10, 1898.

**Rhynchospermum.**—I do not have any trouble in rooting *Rhynchospermum jasminoides* or Confederate Jasmine. When the blooms fade I break off a small branch, putting it in rich potting soil that has plenty of sand in it. I then place a broken goblet over it, and give plenty of water, never allowing the soil to become dry. I keep the plants on the west porch where they get only the afternoon sun.

Miss Ida Caldwell.

Hickman Co., Ky., Aug. 12, 1898.



HYACINTHS.

A FLOWER MISSION.

JUDGING from my own experience and the experience of others I believe the Hyacinth to be about the best bulb for winter window culture, and among the different classes of Hyacinths none are more fitting for that purpose than the sweet and graceful Roman varieties. The bulbs of these are somewhat smaller than those of other kinds, yet their flowers are produced in greater abundance, and last much longer than those of other sorts. Bulbs planted in September or October ought to come into bloom by Christmas, and nothing is daintier to give to one's friends than they, either cut or still on the plant. The bulbs delight in a rich soil, composed mainly of thoroughly decayed manure, garden dirt and woods mold; also a judicious supply of moisture—in the air rather than at their roots—and a temperature of about sixty or sixty-five degrees. They do not exact any sunshine to speak of, and will bloom very successfully in a north window. It has been my custom for years to plant only one bulb of these (and all other Hyacinths except the Grape) in one jar, although this is not absolutely requirable. A four-inch jar about suits an ordinary-sized bulb; larger named sorts will require a receptacle a size or two larger, while three bulbs of the little Grape Hyacinths may be set in a four-inch pot. I generally surround each bulb with coarse sand to ward off decay.

After introducing my bulbs to their dark box down cellar I let them remain there from six weeks to three months, and find that those left longest are much the finest, all told. Let me say if all bulb growers would make this all important fact their own and act upon it, there would not be one-half so many failures in making these bulbs come into successful flower. Experience, that hardest yet kindest of teachers, has convinced me of that.

Among the named single Dutch Hyacinths I can unhesitatingly recommend the following: Amy, medium spike of rich carmine flowers, one of the best; Gertrude, fine spike of rose bells slightly tinged with lilac, has carmine stripe on each petal; Gigantea, immense truss of delicate rose; La Reine des Jacinthes, rich, glowing, dark red; La Grandesse, dense spike of snowy blossoms; Mimosa, dark rich blue, nearly purple; Ida, fine canary yellow; L'Amie du Coeur, fine spike of mauve-lilac blossoms.

I have said nothing about the double named sorts. Perhaps it is just as well, as I never feel safe in recommending them to those who are beginning bulb culture.

Benj. B. Keech.

Cattaraugus Co., N. Y., Aug. 13, 1893.



HYACINTHS.

"Where are you going, my Roselyn;  
And what is your mission, I pray?"  
"I am going to look for Violets  
Along the hedge-rows to-day."  
"What! going to look for Violets?"  
You never will find them, I fear;  
They are all asleep in their blankets soft,  
And all you will find is a tear."

Oh, no; they're awake, for the sunshine  
Has whispered soft in each ear;  
I know where they're hiding their pretty heads,  
And calling 'Come find me, dear,'"  
"And what will you do, my blossom,  
When you find your flowers gay?"  
"I will take them to little lame Mary,  
Who lives in the alley gray."

"She will take them with wee white fingers,  
And kiss them so gently and say  
'You dearest and fairest of flowers,  
I am glad you have come to-day.'"  
Then away to the highways and hedges,  
To search for the Violets blue,  
And the Snowdrops, with Buttercups golden,  
Each begging "Take me; take me, too."

Dickinson Co., Kas. Waif Woodland.

**Tea Roses.**—I believe the reason the Tea Rose is such a rare thing is because the cultivation is supposed to be difficult. The successful growing of plants is like the making of good bread—a great part must be learned by experience. Here in south Iowa I plant out rooted cuttings or plants a year old the 1st of May, in good rich soil, fully exposed to the sun. I cultivate well, and give plenty of water. All that have made a good growth I leave out. About Thanksgiving I layer all lower limbs and pour on chip dirt till it comes three or four inches up the upright canes, then cover with trash, potato vines, cornhusks, leaves, etc.

Then I turn a box over this. A cracker box, a barrel, or anything of the kind will do. On the east side I have an opening of some kind near the top for ventilation. The bush may kill to the earth, but it will soon be as large as ever.

Mrs. A. H. Stuckey.

Appanoose Co., Iowa.

[NOTE.—In a cold climate Tea and other ever-blooming Roses may be protected by a thick covering of coal ashes. This material is not so likely to introduce mildew to the plants as chip dirt or earth. Often a little protection, as a board set edgewise at the northwest side of the bed will keep the plants safely. Avoid a dense covering of weeds or straw. It often causes the ice to freeze about the plants and injure them, and as warm weather approaches such a covering encourages the attack of mildew, thus doing more harm than good. Whatever protection is given apply it late, say about New Years, and do not let the plants suffer after the covering is removed in the spring. It is the late winter and spring months that mostly bring the severe damage to our hardy shrubbery. A board frame with some evergreens and a rain-proof board roof applied in January is mostly effectual.—Ed.]

## FLOWERS OF OHIO.

"In the fair Miami valley with its sunshine and its Looms,  
Where the summers longest linger and the springtime soonest comes";  
Where the whippoorwill's clear echo softly cleaves the evening air,  
And the robins' daily matin every morning greets the ear;  
Where the oriole and red bird gaily sing the whole day long,  
And the bobolink and killdeer echo back the gladsome song,  
Here the Wild Rose and the Clover give their fragrance to the breeze  
That is waking to soft murmurs all the deeply slumb'ring trees.  
Here are sprays of drooping Bluebells tangled with the sunburned grass,  
Here the Wild Pinks waft their kisses on the breezes as they pass;  
Here the Primrose and the Myrtle with the modest Violet vie,  
Mingled with the fragrant Wild Ferns by the glad stream fitting by;  
Here the Columbine and Cowslips sway to pulses of the breeze  
That's coquetting with the Daisies as it softly southward flees;  
Here the overhanging Alders lend their fragrance rich and sweet,  
And the Willow boughs droop lowly where the river waters meet;  
Plumes of Goldenrod are swaying near the Sumach's garnet hue,  
And with purple Asters linger, with the little Gentian blue—  
Linger into Indian Summer with its crimson and its gold—  
Many fables of the naming of this summer we are told.  
I may gaze on tropic blossoms with their wonderful perfumes,  
Or on gorgeous hot-house plants with their many colored blooms,  
May admire the varied beauties of the land wherein I roam,  
But no flowers can be so dear to me as the flowers of my home.

Champaign Co., O.

Annice Bodey.

## HARDY VINES AROUND THE HOME.

VINES, like the evergreens, add much to the beauty of the home, and if these are evergreens they lend an additional charm to the home, both in summer and winter. The Honeysuckle is the most useful of our hardy climbing plants, and some of these are evergreen. Some are covered with fragrant flowers nearly all summer, while other sorts flower only early in the spring. Once planted the Honeysuckle will live for years, and be no trouble after it is first planted. I have seen the Honeysuckle growing on old homesteads after the house had disappeared—the only sign that the place had once been inhabited.

The Clematis is another beautiful hardy flowering vine, and some varieties of it are in bloom from July until frost. *C. Jackmanii* with its velvety purple flowers is the most common, and there are few verandas, whose owners can afford it, that are not adorned with some variety of Clematis. *C. coccinea*, the scarlet variety, has one advantage over the other sorts in that it dies down to the ground each winter, leaving an unobstructed view from veranda or window. It flowers from June

until frost. *C. paniculata* is one of the best white-flowered varieties; the flowers are star-shaped and very fragrant.

The Wisterias are excellent hardy climbers, and will give one a wealth of bloom during the balmy days of spring. This must be planted only where one wishes a tall-growing vine, as some varieties grow to the height of one hundred feet. It is suitable for draping tall stumps and second story verandas. The flowers are borne in long, drooping clusters, and are in colors of lilac, pale blue, purples and pure white.

The old well-known Trumpet Creeper, or, as it is catalogued, *Bignonia*, is another excellent hardy vine for covering unsightly places. It grows nearly everywhere, and many an old stump is decorated during the summer with the scarlet, trumpet-shaped flowers. There is a kind that is evergreen and has yellow flowers. It grows wild, and is catalogued as *Bignonia cupreolata*. The climbing Bitter Sweet, *Celastrus scandens*, is much used for veranda decoration. The foliage is very pretty; flowers small, but followed by brightly colored berries.

For a dainty covering for brick walls the Boston Ivy (*Ampelopsis Veitchii*) is very much used. It will cling to almost any smooth surface. You see whole sides of churches and private houses, and sometimes an entire building, covered with this vine. In summer the foliage is a rich shade of green, but in October it takes on its autumnal coloring of scarlet and orange, adding much to the beauty of the brightly colored landscape. This grows very rapidly, and attains the height of from twenty to thirty feet in two or three years. Some time is required for the plants to become well established.

Another valuable covering for brick or stone walls, or any rough surface is the old English Ivy. This is a beautiful vine, evergreen, and is always attractive, either in summer or winter.

These vines are all hardy, and once carefully planted in suitable situations will increase in size and beauty each year, and be of little trouble after the first planting.

Laura Jones.

Lincoln Co., Ky., June 14, 1898.

[NOTE.—A very beautiful and rare wall vine is *Euonymus radicans variegata*. It is an evergreen, with foliage attractively margined pure white. It is entirely hardy when trained against a sheltered wall. It grows slowly at first, but makes satisfactory progress when well started. For the South a vine more delicate and pretty than the *Ampelopsis* is *Ficus repens*. It is of the same climbing habit as *Ampelopsis*, grows as rapidly, and has a dense array of graceful, delicate leaves. It is hardy in sheltered places as far north as Washington, but cannot always be depended upon so far North.—Ed.]

**Strobilanthes.**—I received a nice plant of *Strobilanthes* last spring, but it gradually dwindled, leaves turned brown and dropped off, and it was nearly dead when I put it in the hottest place I could find, outside a south window, and did not give it any water till very dry, then only a little bit. It is improving right along under that treatment. I shall give a little more water when vigorous growth starts.  
Park Co., Col. Mrs. Hack.



**ANEMONES.**

**T**HE various sorts of Anemone or Wind-flower form a valuable collection of plants for general cultivation. They are hardy, require little care, yet blossom freely, and increase in size and beauty every year. The different sorts will enable one to have flowers from early spring till frost appears. Some of the plants are quite dwarf in habit, growing in a low, dense tuft near the ground—these are best suited for a rockery, or a low border in front of taller plants. The taller sorts are valuable for use among shrubbery or in clumps by themselves on the lawn. The foliage of all is handsome, most sorts being deeply cut.

The plants do best in rich, moist soil, and the roots should not be disturbed oftener than is necessary to prevent them from becoming crowded. The only protection they require is a light covering of leaves or straw.

A. blanda, a variety from Greece, is a very early bloomer, throwing up its starry blue flowers in great profusion in early spring. Another sort called Yellow Wood Anemone has clear yellow flowers, the plant forming a large clump of foliage which is literally covered with flowers in spring. A. coronaria or Crown Anemone is an early-flowering sort, and can be had in both single and double forms. This species can be wintered in a cold frame, and in that way made to flower very early. Doubtless any of the spring bloomers can be forced in the same way.

The fall-flowering sorts are much better known. A Japonica or Japan Windflower is an ornament to any garden; it grows to a height of two or three feet, is very vigorous and produces an abundance of flowers from August 15th until frost. There are both red and white ones, A. Japonica rubra presenting a fine contrast to Honorable Jobert, a fine white sort. The latter is extra fine for cutting, the white flowers with golden center being in great demand for corsage bouquets and for vases. The variety A. elegans is also beautiful, being a deep crimson with a dark center which is surrounded with a yellow ring. The new Anemone Whirlwind is a beautiful semi-double variety which originated in a bed of Honorable Jobert. It is more hardy than its parent, and the extra petals of the flower give it an added beauty, as well as make the flowers more lasting. The flowers are two and a half to three inches across, and have a peculiar green back-



CROWN ANEMONE.

ground; the sepals of the flower are finely cut and leafy, and form a beautiful setting for the flower. Its extreme hardiness makes it an ideal plant for cemetery use, and it blossoms at a time when few hardy plants are in bloom. Bernice Baker.

**Water Hyacinth.**—Dear Mr. Park: I enclose seeds of Water Hyacinth. The plants grow abundantly upon our river (Black River), often an acre or more in one patch. They are in full bloom now, and have been ever since the middle of May, and the blooming will continue till frost which comes in October or November. The plants toward the center of a patch grow in masses, often piling up two or three feet high. B. M. Frisbee. Clay Co., Fla.



[NOTE.—The seeds enclosed are oblong, ribbed, of light color, and scarcely larger than those of Myosotis palustris. They seemed plump, and sown upon damp moss may give a good account of themselves. The little engraving represents one of them enlarged.—ED.]

**Seedling Chrysanthemums.**—Last fall when I had one hundred and sixty-five seedling Chrysanthemums, no two exactly alike, I thought it something wonderful for an amateur. This year I have re-set over two thousand, and I think more than half of them will bloom this fall. I don't expect them all to be different this year. Some of them have the largest leaves on them I ever saw on any Chrysanthemum. Last year I had flowers six and seven inches across, so by giving my plants some extra attention I hope to have even finer flowers this year.

Miss Ida Caldwell. Hickman Co., Ky., Aug. 12, 1898.

**Rooting Cuttings.**—Last October a friend sent me a long cane of the summer's growth of a Rose Crimson Rambler. I cut it in ten pieces and buried them in a shallow trench under the grape vine. They were forgotten until April, when eight were found growing and three of them have bloomed beautifully. I also put in the ground at the same time the prunings of the Gen. Washington, a free-blooming Hardy Perpetual Rose, which I had always failed to propagate, and I have now two fine young plants. Amy J. Brown. Westchester Co., N. Y., Aug. 9, 1898.

**Plants That Become a Nuisance.**—Several of the plants so highly prized in the eastern States are a nuisance here. The Marguerite Daisy grows wild; our fields are overrun with Centaurea, known here as French Pinks; Larkspurs spread rapidly, and many other plants soon become a nuisance. Chrysanthemums spread from the roots very rapidly, and soon have to be dug up and thrown away.

Mrs. S. A. McKune. Yamhill Co., Ore., Sept. 2, 1898.

**ENOUGH FOR ALL.**

Little wild Rose, Cinnamon Rose,  
Dressed in pink with a yellow tie,  
What do you see in your short life  
here—

Only a tear in the Daisy's eye?  
Only a dim little dewdrop tear,  
Is that what you see in your short  
life here?

Little wild Rose, Cinnamon Rose,  
Dressed in pink with a yellow tie,  
What do you hear when the breeze  
comes near—

Only the echo of some heart's sigh?  
Only an echo of pain or fear,  
Is that what you hear when the  
breeze comes near?

Nay, little Rose, Cinnamon Rose,  
Dressed in pink with a yellow tie,  
It mattereth not how lone the spot,  
There is sunshine enough for  
every eye;

And bird songs come to the list'ning  
ear

To lighten and brighten the short life here.

*Florence Josephine Boyce.*

Washington Co., Vt.

**AMARYLLIS.**

**A**MARYLLIS are very easily grown, if one goes to work in the right way. They are not so particular about the kind of soil as some plants. Any good garden soil with a little sand mixed in will do, and don't make the mistake of putting a small bulb into a pot large enough for it to lose itself in, but begin with a small pot and shift to a larger one as the plant becomes root-bound. They bloom best when in this condition, but must be carefully taken up and repotted when too crowded, disturbing the ball of roots and soil as little as possible.

The *Amaryllis Johnsonii* blooms when three years old, usually in March or April, and sometimes again in November. About the first of December set the potted bulb away, either in a warm, frost-proof cellar or a dark closet where it will not freeze, and let the leaves die off, only giving water when the soil gets very dry. When new leaves begin to start, usually in February, bring out to the light and sun, and water well. Give a little fertilizer once a week after the buds start. Beyond this they will need no special care, only to keep in a sunny place through the summer.

I have a large pot of the *Amaryllis val-lota purpurea*, commonly called "Winecup Lily." This blooms in August or September, and should be repotted in April when repotting is necessary. M. B. Appley.

Windham Co., Conn.

**FLOWERS VS. POULTRY.**

**"N**O, I can't have flowers if I have chickens, so I'll give up the flowers." How many a lover of flowers has said as much in our presence. Perhaps in some cases it is not possible, but in a great majority of cases it is possible to raise chickens and flowers at the same time. Not many flowers, perhaps, but at least a few, so that one need not be without blossoms a part of the year.

In the corner of a friend's yard there is a fine collection of plants, and no worry to her lest chickens and flowers come into too close relationship. Two sides of the garden are enclosed by a close fence, and the other two sides are encircled by a woven wire fence. She can look over or through the woven wire and admire her treasures, knowing at the same time that no danger from her flock of fowls menaces them.

Another friend made for herself a fence of laths, at a cost of twenty-five cents. She has quite a roomy flower garden, and one that the chickens do not invade. It is not picturesque in any sense, but the vines entwining it lend an air that is quite attractive.

Another lady has her flower garden a quarter of a mile from the house, where the good man has his garden. The drawback to this is its distance from the house. During the entire blooming season her tables are adorned with bouquets, so that she has the best of enjoyment from her flowers.

One lady who is even less fortunately situated derives almost her whole enjoyment florally from two Oleanders, a Hydrangea, and a large pan of Portulaca. It would seem at first that she must have few flowers. This is a mistaken idea. She has flowers the entire summer. And, as she says, she has no worry. Her poultry never molests any of these plants.

There is hardly a condition to which one may be reduced that can entirely deprive one of these "beautifiers of life." Lack of water or loss of health are about the only causes that can result in a total abandonment of flower-growing. Lina.

McLean Co., Ill., Aug. 20, 1898.

**Spotted Calla.**—The Spotted Calla is our pet. The bulb measures five inches across, while the long, lance-shaped leaves grow from nineteen to twenty inches in length by four and five in width, tapering to a point. It sends up eight and ten leaf-stalks, starting in vigorous growth in February. It is a beautiful plant, and often has five blooms at a time, white with purple center. Mrs. Ida S. Helms.

Barron Co., Wis., Aug. 11, 1898.

**Aphis.**—This pest is especially troublesome upon Pelargoniums. To rid my plants of it I now apply insect powder to the leaves and stem, and avoid washing or syringing afterwards. The powder destroys the insects as fast as they appear.

A. B. M.

Lake City, Ia., Aug. 26, 1898.



VIOLETS.

THE poet's flower and the flower of the people! Everybody loves it, for it is altogether lovable. In these days of improvement they have not let the Violet escape. It has been enlarged and doubled until one wonders at its modest ways, for these rose-like blossoms tuck their scented heads shyly under the leaves in spite of it all. In our garden last winter we had Violets every day—the dear little single ones, white and blue. In a sunny cellar window the large double ones blossomed. The prettiest are Lady Hume Campbell. Marie Louise is paler. Both are fragrant. Swanley White is fine. There is a hardy double sort known as the hardy double English Violet, that does well in the garden. The California Violet is large and hardy, bright and single.

Violets come nicely from seeds. Last spring we moved a Violet bed, and soon after noticed countless seedlings where it had been. These grew all summer, began to bloom in the late fall, and bloomed all winter and spring continuously. They were all blue, and as sweet as a breath from Araby the Blest. Every two years Violets must be divided and reset. This should be carefully done, after they are through blooming. In the late summer a thin mulching of fine manure does them good. Unless one has room to spare it is hardly advisable to make Violet beds. If the summer is hot the leaves wither and do not look well. Therefore they are best used as borders along permanent beds. In the summer Alyssum can cover the plants, doing them good, and improving the appearance of the bed.

Many women raise Violets for the markets. It seems impossible to get too many, since they are always in demand. Some grow Violets for the royal perfume, and with their own dainty hands do the work of distilling the sweetness, which is prized very highly. We who grow them for simple love of the pretty things may at least drop the withered clusters that have done service on bodice or in vases into little bags of footing that hang in some convenient corner, and after the flowers outside are gone a whiff of fragrance now and then will remind us of Violet time.

Beware of wild Violets. They bloom temptingly early, but they are scentless—at least ours in America are. If they are grown near the scented sorts they mix, and pretty soon they are all wild ones. Besides, they bloom only a little while in spring.

Ellen Frizell Wycoff.

Iredell Co., N. C.

[NOTE.—The Sweet Violet comes tardily from seeds. Sown in the spring germination rarely takes place till the spring following, at which time nearly every seed will produce a plant. It is well, therefore, to sow the seeds of this Violet where they will remain undisturbed for at least a year.—Ed.]

**Dicentra spectabilis.**—This is my favorite among the hardy plants. The flowers are just beautiful, and produced in great abundance. It is perfectly hardy, and is also very nice for pot culture if given a large pot.

Aunt Anna.

BRODIAEAS.

BRODIAEAS are not as well known as they deserve to be, many flower-growers who yearly plant Hyacinths, Tulips and other winter-blooming bulbs, being entirely ignorant of their charm and beauty. These bulbous plants are natives of California, and are very widely distributed. All the varieties are very pretty. B. Laxa with umbels of delicate lavender flowers contrasts charmingly



with B. coccinea (the Floral Firecracker), with its beautiful fuchsia-like flower of bright cardinal tipped with green and white. Brodiaeas have all very long stems, but B. volubilis (or, as it is often called, Twining Hyacinth) is quite a curiosity in this respect. Even if given a support six feet tall, the blossom stalk will continue twining round and round until it reaches the top. It has broad, luxuriant green leaves, and when the delicate stem starts it is tipped with a tiny bud, which at last develops into a cluster of pretty pink flowers. Plant two or three pots of these charming flowers for winter-blooming, and the results will surprise and delight you, if you are not already old acquaintances.

Mary Foster Snider.

Detroit, Mich., June 29, 1898.

**The Winter Aconite.**—*Eranthus hyemalis* is a native of Italy, from whence it was introduced in 1596. It is a very pretty little bulbous-rooted plant, growing about five inches in height, with emerald green leaves springing from a tuberous root stalk, and producing very early in the spring, even before the snow and ice has entirely disappeared a profusion of golden yellow, star-shaped, fragrant flowers. A group or mass of ten or fifteen plants will form a very desirable addition to any flower border.

Chas. E. Parnell.

Floral Park, N. Y.

**Remedy for White Worms.**—If those who are troubled with white worms will try putting on the soil a solution made by dissolving a tablespoonful of saltpetre in a quart of water, I think it will help the matter.

M. A. Chapman.

Kings Co., Colo.

## DOUBLE TREE.

A UNIQUE and interesting freak of nature is a double tree. In India double trees are worshiped as divine. Of the examples existing in India one of the trees is always a fig. The adventive roots let down from its branches seem to play an important part in causing its union with another tree. In the principal street of Vellore is a tree called Melia or Pride of India, which is surrounded by a fig growing from the same trunk. In another city a fig forms the top of a Palm tree.

There are a few notable double trees in our own country. In Illinois, on a bluff overlooking the Sangamon river, was once a village where Abraham Lincoln read law and studied grammar. There is a depression in the sod from the center of which grows a double tree, an elm and a sycamore, springing apparently from one root.



A short distance above the ground they separate, the elm inclining to the north and the sycamore to the south. Some years ago a local artist carved on the sycamore the face of Lincoln in bold relief. It is an artistic bit of work, and the likeness is remarkable. It is now fifteen feet from the ground.

A veritable freak of the forest is found on a farm near Martinsville, Indiana. The trees are sugar maples. The trunk of each is about twelve inches in diameter, and the main trunks are nearly twenty feet apart. The limb of one tree has grown over and united with the trunk of the other tree, as shown in the sketch, and is about eighteen feet from the ground. These wonderful Siamese twins of the forest are but a short distance from the little health resort city, and are visited by hundreds of guests of the numerous Sanitariums. They are a great attraction to young people, who carry away leaves for good luck emblems.

Mrs. M. S. A.

Decatur Co., Ind., June 30, 1898.

[NOTE.—Twin trees are by no means rare in places where forests abound. The Editor has often admired a handsome specimen growing in a forest ravine not a mile from his office. The union is effected about twelve feet from the ground.—Ed.]

## ABOUT OLEANDERS.

MANY may not know what a beautiful flowering shrub the Oleander is. One of my plants is ten years old, and is a mass of flowers from early in spring, when I take it out of the cellar, till late in autumn, sometimes even till Christmas. The Oleander wants a great deal of water, and hot sun, and will bloom continuously. Winter it in a frost-proof cellar, and while there avoid watering often, but do not let the ground get too dry. In early springtime, when danger of frost is over, remove it to the house on cold nights. Shift into a larger box or tub every spring, leaving the root in a clump, and put fresh ground around it. Place where the sun shines all day. I have mine on a south veranda. Give some fertilizer now and then. Water it in summer every day. If the ground gets hard take a fork and stir in it till it gets nice and loose. Just pour the water on then. Don't give them much drainage, for they want lots of water. I don't think you can water them too much. If you water them plentifully you will be well paid for your trouble.

Is there a nicer flower than an Oleander, when it is one great mass of thirty to forty double rosy clusters, and twenty to thirty flowers in a cluster. That is the way one of mine blossomed for more than three months last year. My plants blossomed from May till December.

Mrs. Elizabeth Meissen.

Chariton Co., Mo., Sept. 10, 1898.

**Sparaxis.**—A dozen and a half of Sparaxis were planted in a wooden tub that had completed its utility as a Lily pond, and Tradescantia slips set around inside the rim to hang over the outside. The Sparaxis bloomed and bloomed, white, orange, purple, red, yellow, in blotches, stripes, spots and streaks, in a manner that amazed the little folks and well repaid the cost of the bulbs. They are fine for forcing for window blooming. Set three or four in a five-inch pot, put in the dark till growth begins, then bring to the light and give water. The flowers are two inches across.

Marion Howard.

Santa Clara Co., Cal.

**Geraniums.**—Geraniums are quite easily grown from seeds. I planted a paper of mixed seeds early in the spring, and the plants kept coming up until late in the summer. The plants grew like weeds, and were the finest looking plants I had. They did not bloom until they were a year old, and then they had from one to a dozen great large balls of single blossoms in different shades of red. They are now three years old, and are my best bloomers.

Lincoln Co., Wash.

Aunt Anna.

**Hoya.**—I have a Hoya or Wax Plant that has been in bloom since the first of June. One stem has budded and bloomed for the third time, each time the cluster being larger than before.

Mrs. H. E. McCurrough.

Co., Kan., Sep. 18, 1898.



A FEW SUGGESTIONS.

**D**ON'T blame the seeds for not growing, when likely it was your own fault. Do place the Fuchsias in the hot sunshine, and then wonder why they don't do better.

Don't expect your flowers to look healthy when you attend to them a week, and then neglect them two weeks.

Do sow a few flower seeds in that back yard, just to see what they will do.

Do try a bed of Eschscholtzia with Sweet Alyssum for a border.

Do try a few Chinese Primroses and Cinerarias if you want bloom during winter.

Don't expect your Nasturtiums to bloom well when you give them rich soil, because they won't; they will "run to leaf."

Do give the children a flower bed of their own to care for.

Don't think your flowers are the only lovely ones in the world; have an eye for the beauty of your neighbor's flowers.

Don't neglect to keep the Sweet Peas from seeding, or they will stop blooming.

Do sow about twice as many flower seeds as you expect plants, if you don't want to be disappointed.

Don't think you "know all" all about flowers; the wisest florist has still something to learn.

Do remember that "an ounce of prevention is worth a pound of cure" in keeping your Roses free from insects.

Don't give up, no matter how many failures you have. Remember that "practice makes perfect," although "experience is a dear teacher."

A. B.

Champaign Co., O.

**Early Birds.**—For Christmas last year I had white Roman Hyacinths, Polyanthus Narcissus, Paper White Grandiflora Narcissus and Double Roman Narcissus in blossom. I had a number of friends to whom I wished to send remembrance, so the pots containing the pretty plants were covered with white crinkled tissue paper, tied with narrow ribbons, and made into Christmas cards, and extremely dainty ones at that. Two square corned beef cans, each containing two bulbs of Polyanthus Narcissus Paper White Grandiflora, were placed side by side upon a plate and tied together with a string. This was covered with crinkled paper. There were six stalks of the lovely white flowers from the four bulbs. One bulb which produced two stalks had seventeen blossoms on one stalk and fifteen on the other. I have never had a prettier decoration for my Christmas table.

C. W. Rankin.

Marquette Co., Mich.

**Dracenas.**—These plants succeed better than Palms with many growers of house plants, and are often substituted for them on that account. They should have a firm soil, with plenty of water, heat and light. Syringing the foliage is not so much to be recommended as for Palms.

Mrs. M. H. Durfee.

Wayne Co., N. Y.

DAISY.

Pretty Daisy, pure and white,  
Dot the meadows green and bright  
With a silvery sheen;  
Waving gently to and fro,  
As the breezes come and go,  
God's own smiles, I ween.

Wide awake at dawn of day,  
To catch the sun's first golden ray  
Over yonder hill;  
Blooming through the sunny hour  
Until shadows darkly lower,  
And the air is still.

Slowly, softly and with care  
Folding snowy petals fair,  
So they go to sleep;  
So they wave on through the night,  
'Neath the moonbeams' silvery light,  
Deep in slumber sweet.

Montague Co., Mich. Lillian Middaugh.

FLOWER POTS.

**W**HEN you have choice plants you like to have nice pots to put them in, and if you can not spare the money to buy them, you can make very creditable ones at home by getting pretty shaped jars or crocks and covering them with "crystal work." To make this take one teacupful of "diamond crystal salt," one-half teacupful of cornstarch, a small piece of white glue and water enough to wet up the cornstarch well. Dissolve the glue in the water, then pour the glue water over the salt and let stand until all is dissolved that will dissolve; then drain all the water off and mix the cornstarch, adding the salt crystals that would not dissolve, put the mixture in a double boiler and cook till it is clear, stirring it all the time. Then take out the material and roll thin on a smooth board. Cut out a narrow sheet and wrap around the jar. It will usually stick of its own accord. If it does not stick well use a little glue. You can also cut flowers out of the thin sheet, using a paper flower pattern, and stick them fast. These flowers may be left clear, or colored any way you desire, using a few cents' worth of various dyes. In this way you can have pots you will be proud of.

Geneva March.

Bremer Co., Iowa.

**Cactus and Gasteria.**—I have a great variety of Cactuses. The Phyllocactus, bearing showy red blossoms measuring seven inches across, is the most beautiful. The Gasteria is in bloom now, and is odd.

Mrs. H. Adams.

Crawford Co., Wis., May 5, 1898.

**Aloe variegata.**—This is a very desirable pot plant, and requires little care beyond repotting once a year, and watering once in two weeks in summer, and not so often in winter.

Mary Ingersoll.

Vermillion Co., Ill.

**Very True.**—Those who prepare their own potting soil are always ready to declare with the housewife "It is an easy thing to make dirt."

B. B. K.

Cattaraugus Co., N. Y.

# Park's Floral Magazine.

A MONTHLY. ENTIRELY FLORAL.  
GEO. W. PARK, Editor and Publisher,  
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**Libonia floribunda.**—This is a winter-blooming plant, and satisfactory as such when properly grown. Cuttings should be inserted in sand in March, and when well-rooted pot in loam, leaf-mould and sand, using three-inch pots. Give a temperature of 60°, shade in hot, sunny weather, and syringe frequently. Keep well pinched back at first, till a well-branched head is formed. In June they should be ready to shift into pots six inches to seven inches in diameter, in which they should bloom. At this shift mix some well-rotted manure with the soil, and again trim off the tips of the branches. As the pots fill with roots the buds will appear, and the plants will become globular specimens covered with the reddish-orange bloom. Apply manure water now to stimulate and prolong blooming. The plant is a native of Brazil.

**The Mealy Bug.**—What is known as the Mealy Bug is a flat, tender, yellowish insect, of the form shown in the engraving, and is covered with a white, mealy substance, parent virus, from which the common name *Mealybug* is derived. It is especially troublesome to Coleus, Strobilanthes, Dyerianthus, and many soft-wooded plants. It is not difficult to eradicate. Remove and destroy all that may be found, then syringe the plants two or three times a week with soap suds to which has been added a little kerosene, say two table spoonfuls to a gallon of suds.

**Narcissus Not Blooming.**—When Narcissus fail to bloom it is usually because the bulbs have become too deep and too much crowded in the soil by long remaining in one place, or because the bed is composed of tenacious clay soil to which the sun does not have free access. In such a position the bulbs do not ripen well, and cause the ground is constantly moist, and in consequence they split up into numerous smaller bulbs, none of which are of sufficient size or vitality to bloom. Knowing the cause the remedy will suggest itself.

## A WINTER COLD FRAME.

**PANSIES, Violets, Double Daisies, garden Calendula, Sweet Alyssum, Leucanthemum grandiflorum, etc.** will often bloom throughout the winter in a protected cold frame, where the climate is not too severe. Excavate the earth a foot deep, prepare the bed and set the plants early in autumn. See that drainage is such that the water will not flood the bed, or stand upon it. As cold weather approaches place a board frame around, enclosing a margin six inches larger than the bed, and cover with a sash sloping southward on cold days or nights. As the winter advances keep the sash close except in sunny weather, when ventilation should be given, and cover the sash with a warm mat or blanket during severe nights or a very cold spell. Watering will rarely be found necessary. Remove dead leaves and flowers as they appear. In mild winters, with this protection, the hardy flowers named will often bloom freely, and even Snowdrops, Crocuses, Winter Aconite, and the like will push up and bloom as spring approaches, if given a place in the frame. In a milder climate the sunken bed alone, if protected from severe nights by a mat covering, will mostly prove effective in securing a fine display of bloom during the winter months.

**Double Daisies.**—Young plants of Double Daisies well established are perfectly hardy in a well-drained bed as far north as New York. Where the climate is severe, however, an open board frame about the bed to ward off cold winds will mostly prove ample protection. If necessary some loose evergreen boughs might be placed in the frame about New Years, and kept on till the uncertain weather of late winter and early spring is past. If preferred a sash could be placed over the frame, sloping northward. In a cold-frame in the South the Double Daisy will bloom throughout winter.

**Chinese Primroses.**—These are the most reliable of winter-blooming plants for the amateur. They should be purchased and repotted in August or September, to do well, and usually the tin vessels, as quart tin cans, will grow them better than pots. If the plants are not purchased in the cold weather much time is lost in getting them established and in condition for blooming. An early start counts largely in the successful care of winter-blooming plants, and especially of Primroses. Without it success is uncertain.

**Primroses.**—Primroses are entirely hardy plants, and should be blooming too freely during the winter and autumn months. Do not dilute the young and thirty others will bloom till winter, and be ready to develop buds and blossoms with the buds in early spring, at which time the flowers are larger and stiffer, and often fragrant. If the plants have fine spring-blooming plants the seeds should be started about mid-summer, and be prepared to grow



AUTUMN FLOWERS.

CHELONE GLABRA.

IN mid-autumn such flowers as Verbenas, Petunias, Phlox, Stocks, Saponaria officinalis, Perennial Peas, Gaillardia grandiflora, Leucanthemum grandiflorum, Caryopteris and Sweet Alyssum may be found blooming freely in the garden, also such shrubs as Kerria Japonica, Hall's Honeysuckle, Trumpet Honeysuckle, Everblooming Roses, and some of the later double Altheas. In the fields are Wild Carrot (*Daucus carota*), Toad Flax (*Linaria vulgaris*), white, blue and purple Asters, Gentians, *Chelone glabra*, Jerusalem Artichoke, Clover and Dandelions. At this season, in the eastern States, the forests appear in gorgeous colors, and the landscape is beautiful beyond description. In spring planting of the flower garden it is well to remember the autumn flowers, and prepare for a display after the Frost King has destroyed most of the flowers which bloomed during the summer season. And in grouping trees upon the lawn bear in mind the leaf-coloring of various trees, so that they may be arranged to harmoniously blend their autumn tints.

**Hall's Honeysuckle.**—A sister in Quebec wants to know if Hall's Honeysuckle will live and bloom on the south side of a house, where the sun shines very hot till about three o'clock. There is no danger of injury to this Honeysuckle from heat. It revels in the hot sunshine of mid-day. It will always do well in such a position, unless a warm spell of weather occurs in late winter or early spring sufficient to start growth, followed by severe and continued cold. In such cases the vines are likely to die back to the roots, from which new, vigorous sprouts will be produced. Always remove dead branches or vines in the spring. They sap the vitality and retard the growth of the living branches.

**Cannas In-doors.**—Cannas that are growing in pots may be transferred to the window as cold weather approaches. Here they will thrive and bloom if the atmosphere is kept moist and moderately warm. After blooming the pots may occupy a retired place for a while, and the soil should be kept moist but not wet while the plants are resting. Toward spring start them up again. As a rule the amateur can winter Cannas more successfully in this way than to dry them off and store in the cellar.

**Tuberose.**—If Tuberose bulbs that are throwing up a flower spike in autumn are potted and removed to a cool room in the house they will mostly develop their buds and make a fine display in the window. Bulbs that have not started should be lifted, dried off thoroughly, and kept in a warm, dry room during winter.

**Sowing Pansy Seeds.**—Do not sow Pansy seeds out-doors at the North late in autumn. The plants should be well started before winter to endure the severe frosts unprotected.

A SHOWY, branching plant three feet high, with dense, terminal spikes or heads of white, tubular flowers may be seen in September in moist places throughout the Atlantic States, and enquiry is often made concerning its name. It is *Chelone glabra*, a member of the order Scrophulariaceae, and a near relative of the Pentstemon. The sketch shows the form and arrangement of the leaves with a cluster of the bloom, and the smaller figure to the left represents a stamen.



The clusters are borne on long, swaying stems, and each flower is about an inch in length. The color is mostly white, but sometimes shows a faint tinge of pink on the side exposed to the sun. Like most members of the Figwort family the flowers show but four anthers, although the typical number of stamens is five. The fifth stamen is abortive. As shown in the little engraving both filament and anther are freely clothed with cottony hairs, and this peculiarity may help the enquirer to identify the plant. Coming in autumn at a time when there are few flowers except composites, this wildling is appreciated by the Rambler. In a field bouquet the clusters harmonize well with the closed and fringed Gentians, which are also in full bloom at this late season.

**Compost.**—A good compost for most pot plants may be made up of rotted sods, manure, leaf mould and sand in the following proportions: three parts rotted sods, one of manure, one of sand and leaf-mould. The sods should be secured and piled up with the manure early in summer. The pile should be worked over at intervals during the summer, until the material is light and well mixed. The sand and leaf-mould may be added when the soil is sifted before potting.

**Abutilon.**—The Abutilon will often drop its buds when the drainage is clogged and the soil kept too wet, if watering is neglected and the soil becomes too dry and hot, when the plants are troubled with lice or scale, and when the plants are kept too long without shifting. Those who have trouble with their Abutilons should note these causes of bud-dropping, and adjust the treatment accordingly.

**Calla Tubers Rotting.**—A subscriber has tried twice to start tubers of Spotted Calla, but in both instances the tubers were attacked by a dry rot and died. The trouble came from keeping the tubers out of the ground and fully exposed to the air after they should have been planted. Get sound tubers early in the spring, and you can hardly fail to succeed.

## BEGONIA FUNGUS.

SEVERAL persons have sent to the Editor specimens of Begonia leaves with rough, dry, brownish blotches here and there over their surface. Some thought these spots were caused by insects, some regarded them as a disease. All wanted a remedy. The blotches are evidently caused by a fungus, a little parasitic plant which propagates by spores, and will spread over a whole collection, if allowed to ripen and scatter its spores. The best remedy is to remove and burn all affected parts, and encourage a free and healthy growth that will be sufficiently vigorous to ward off the attack. Drainage should be good, and the soil loose, rich and porous. Keep the plants in partial shade, a rather moist, warm atmosphere, and avoid chilling draughts.

**Wintering Cannas.**—Cannas should be lifted when the frost comes, and kept in a dry, frost-proof cellar or other suitable place till spring, as they are not hardy. Before lifting the clumps remove the tops, and after digging shake off a portion of the earth adhering, and dry the rest with the large, fleshy, tuberous roots, as they are preserved from the action of the air by the encasement. An upper shelf in the cellar is usually a good place for storing. If the cellar is damp and poorly ventilated it is better to keep the clumps in a box in a dry, cool but frost-proof room. Where but one or two plants are to be wintered they may be potted and set in a retired place in the plant window, watering sparingly during cold weather. The same treatment will also answer for Dahlias.

**Starting Roses.**—The best time for the amateur to start Roses is in mid-summer. The cuttings should be of half-ripened wood, taken with two or three eyes, and inserted in wet sand, leaving one eye and a leaf above. Cover with a bell-glass or frame, or keep in a rather close, warm place, with plenty of light. Roots should form in two or three weeks. Cuttings may also be taken from hardy Roses in autumn, after the leaves fall. Make in these six inches long, and heel them in two-thirds of their length in a sheltered bed or frame. In the spring they will be found rooted or calloused, and will soon be ready for transplanting.

**Geraniums in Winter.**—Geraniums bloom well in a warm, sunny window in winter, if the proper varieties are used, and the plants grown intentionally for winter-blooming. Mrs. E. G. Hill is perhaps the best variety, and rarely fails to bloom satisfactorily if young, healthy plants are placed in the window as winter approaches. Use a fibrous compost of rotted sods, manure and sand. Water regularly and rather freely, and set the plants in direct sunlight, keeping the temperature from 60° to 70° and moist. Under these conditions you can hardly fail to have a satisfactory display of this beautiful old-fashioned flower.

## ABOUT OREGON WILDLINGS.

EMMA B. FRENCH, who contributes to the MAGAZINE from time to time, in a recent note to the Editor regrets that she cannot communicate with and supply all the hosts of FLORAL folks who have written her. As she did not offer plants or seeds in exchange, but simply described some Oregon wildlings, it would be unreasonable for anyone to claim a response from her. She adds:

The transplanting of wildlings, I think, is exceedingly problematical, especially if they must travel across a continent before finding a new home. Of the wild shrubs I mentioned red and yellow Currants in my published note. I wish to say that it is the fruit that is red and yellow. The flowers I have never yet seen. There are several pretty and long-blooming plants here that belong to the Milkweed family, also wild Clematis with white fragrant flowers, and dozens of others that I cannot mention now. Perhaps another year I may be able to gratify the curiosity and ambition of those who so much wish to see and own these curious wildlings. One thing more I wish to mention, and that is the Moss that clothes the dead branches of our Fir and Pine with a beautiful soft green that is lovely indeed. The Spanish Moss from the South simply does not compare with this Moss that lasts for years, and is so bright and fresh looking. It does not need to be wet to be pretty, for it grows on the high, dry branches that have died years since.

Emma B. French.

Oregon, Sept. 1, 1898.

**Cemetery Plants.**—*Saponaria ocyroides* is entirely hardy in the Middle States, and will doubtless endure the rigorous winters of States farther north, especially if the plants are started in the spring, and become well established by winter. Another desirable plant for the cemetery is the Hardy Verbena. It may need an open frame placed around it in exposed positions far north, but strong plants are entirely hardy as far north as New York. Tulips, Hyacinths, Narcissus, Crocuses, Snowflake, *Candidum* Lilies, and the like are all hardy and suitable for fall planting. Do not delay the work till December. October and November are the best months to buy and plant the Hardy Bulbs.

**Fuchsias.**—Fuchsias like a light, rich, well-drained soil, a cool, moist atmosphere, and partial shade. They should be shifted often, to prevent the leaves from dropping. Never allow the soil to become dry while growth is active. Failure with Fuchsias is mostly caused by neglect to shift the plants as they grow, to keep the soil well-drained, to observe a cool, moist temperature, and to water regularly, as needed. Do not expect them to bloom in winter. They are not to be recommended for blooming at that season.

**Amaryllis.**—*Amaryllis Johnsoni* always throws up its scape of flowers before the new leaves develop. When thoroughly ripened by exposure to the sun and partial withholding of water the bulbs never fail to bloom. Often by careful manipulation the bulbs will bloom twice a year. Avoid too much heat, and keep the atmosphere moist, especially when the buds begin to push up.



## STURDY BABIES.

### Mothers in a Quandary When The Food Supply Fails.

It is a difficult matter for a mother to determine just what to do when a young babe is deprived of the natural mother's milk.

If there was any one manufactured baby food that all babies would thrive upon, the course would be plain, but what agrees with one does not with another. Mrs. H. A. Fralick, wife of a prominent citizen of Grand Rapids, Mich., tried the various foods on her baby boy, without success and finally gave him Postum Food Coffee which seemed to exactly fit the case, and he has lived almost exclusively on Postum until now when he is a little past four years old, weighs 45 pounds and is one of the sturdiest, strongest and healthiest youngsters one will see in a day's travel. His little sister now two years old has had a similar experience and has been reared entirely upon Postum.

Postum is the original Cereal Coffee, being made by food experts who treat grains in a scientific manner to give a highly nutritious food in a liquid form and with a crisp delightful coffee flavor.

Many people cook Postum so short a time that it tastes flat and insipid. It must have at least 15 minutes of sharp boiling after it has commenced to boil (not only after it has been put upon the stove) to bring out the food value and the toothsome flavor.

It will be found a powerful health restorer to those who are injured by common coffee drinking, and that class number thousands, who suffer day by day and do not know that Coffee (a heavy drug) is causing the mischief.

## EDITORIAL GOSSIP.

The Magazine in China.—Here is what one of our subscribers in China writes:

Mr. Geo. W. Park, Dear Sir:—Will you kindly continue your Floral Magazine another year. I enjoy it exceedingly. It is a real help to me in cultivating flowers even in this climate—so different from the home climate. Enclosed please find remittance.

Yours very cordially,  
Mrs. H. M. Kinnear.

Ponasang Missionary Hospital,  
Foochow, China, May 18, 1898.

Mrs. Kinnear is the wife of the acting physician at this far away Hospital, which is supported by voluntary contributions. Any of the FLORAL friends who feel disposed to aid this worthy missionary cause can learn particulars by addressing Chas. E. Swett, No. 1½ Somerset St., Boston, Mass.

Tulips in Texas.—A subscriber in Ennis, Texas, has been trying for three years to establish a bed of Tulips, but without success. Only a few of the bulbs live and bloom. Perhaps if the bulbs were planted in early December, and the bed covered with stable litter till spring, then the coarser parts removed, success would result. As soon as the foliage dies after blooming, lift the bulbs, dry them well, and store in dry sand in a cool place till planting time comes again in early December. By this means the vitality of the bulbs should be retained, and a satisfactory display of flowers secured every season.

Crinum.—Give treatment of "Milk and Wine Lily" to make it bloom.—Mrs. M. B. S., Mo.

Ismene.—I would like to have the proper treatment of Ismene.—A. M. W., Cal.



## CHILDREN'S CORNER.

### My Garden.

Pansies, sweet-scented, O Pansies so sweet,  
Make even Forget-me-nots bow at thy feet,  
Sweet Peas and Nasturtiums did climb on the wall  
Beside the Asters so stately and tall;  
Improved Double Daisy with Celosia did grow,  
And in a snug corner the Poppies, you know;  
New Margaret Carnations and pretty fringed Philox  
Stood up side by side in a neat wooden box:  
The rich Salpiglossis and white Feverfew  
Bloomed throughout summer and all autumn, too;  
The bright Morning Glory got up with the lark:  
Yes, a dime bought this garden from our florist Park.  
Verner Malcom (10 years old.)

Montgomery Co., Pa.

Dear Mr. Park:—I am going to school, and am secretary in the Temperance Legion and Board of Mercy. My school keeps me busy for five days, and on Saturday our Legion meets. Oh, I must tell you, my papa had the cataract taken from his right eye, and can see now. I am going to send for many bulbs this fall, and get you as many patrons as I can. Your little friend,

Merriam, Kansas. Pansy,

Dear Mr. Park:—I am a farmer's daughter, 14 years old, and have five brothers and a sister. Mamma and I like your Magazine, and I especially like the Children's Corner and the letters about your European trip. Carrie Johnson.  
Kearney Co., Neb.

Dear Mr. Park:—I love flowers very much, and so does my papa. I tell you he likes Cactuses. He is really a Cactus Crank. He has Cactuses of every description but the Old Man's Head. He has a Night-blooming Cereus with flowers almost as large as the crown of a man's hat. And the Queen Cactus was the grandest sight you ever saw. It had thirteen flowers on one night. I have very, very many flowers, and I love to read the letters in the Children's Corner.

Elizabeth E. Cook, (age 14).

Laporte Co., Ind.

Mr. Park:—I am fifteen years old and very fond of flowers. Your seeds which you sent me this spring have done beautifully. Our flowers are the admiration of our neighbors.

St. Louis Co., Minn.

Lulu Magoffin.

Mr. Park:—I enjoy the Magazine very much. I have never seen any paper devoted to flowers so full of interest and instruction.

Mrs. E. P. Close.

Decatur Co., Iowa, July 12, 1898.

## BRIEF ANSWERS.

**Geraniums Not Opening.**—Some Geraniums form buds in large clusters, but the buds do not develop into large, full-blown flowers, and enquiries are often made concerning the required treatment to overcome this fault. There is no treatment for such Geraniums that is satisfactory. The best thing to do is to discard the faulty variety, and replace it with a reliable and satisfactory one. It is more of a constitutional difficulty than a lack of proper treatment.

**Re-setting Roses.**—In the North it is hazardous to transplant Roses in the autumn. Many varieties, especially of the ever-blooming class, are scarcely hardy when well established, and if disturbed in autumn will invariably die. In the North the best time to buy and plant Roses, or re-set them, is in early spring, about the time the Peach trees are in bloom. In the South the reverse is true, and the work of transplanting is generally more successful in autumn than in spring.

**Flowers in Winter.**—Get plants of winter-blooming habit, if you would have a fine display of flowers in winter. Then place them in a window with a southern exposure, if possible, and do not let the temperature fall below the freezing point. Keep an open vessel of water over the register, or upon the stove, to supply moisture to the atmosphere by evaporation, and water the soil only when it becomes dry. These are essential elements in the care of winter-blooming plants. If neglected success should not be expected.

**Pomegranate.**—In the southern States the Pomegranate is hardy, and may be planted out, but at the North it should be grown in a pot, and kept in a frost-proof place during winter. It is a deciduous shrub, losing its leaves in winter, and requires but little water while dormant. In summer give it a sunny place and water liberally. Avoid pruning, and do not remove the little spur-like appendages if you wish the plant to bloom well.

**Hardy Bulbs.**—To do well the hardy spring-blooming bulbs should be planted during October and November. Some of them, however, may be planted even as late as January, and often do well, but they cannot be depended upon when planted so late. Crocuses rarely do well planted out after December 1st.

**Black Calla.**—This plant is usually treated successfully by keeping the tuber dormant through the winter, and potting it in the spring for summer blooming. It will thrive and bloom with the same care that you give the Spotted Calla. The tubers must be of large size to bloom.

**Carnation Pinks.**—Carnation Pinks that fail to bloom in pots should be bedded out in a sunny border in the spring and allowed to care for themselves. Under such conditions they often yield a fine crop of buds and blossoms.

**Bleeding Heart.**—Mrs. Powers, of Connecticut, should set this plant (*Dicentra*) out in early spring to succeed with it. It is perfectly hardy when well established, and will thrive and bloom in almost any soil that is not shaded.

**Spring-blooming Pansies, etc.**—The time to sow seeds of Pansy, Forget-me-not, Margaret Carnations, Hardy Verbena, *Silene orientalis*, *Linum perenne*, Double Daisy and the like to have early bloom the next season is in July or early August. It is well to sow in a protected bed and keep well watered till the plants appear and are able to take care of themselves. Shield from storm and hot sun, and do not disturb the plants till spring. If you do not want them to bloom where sown they may then be planted where the plants are to stand, though transplanting retards blooming.

**For Shade.**—Lily of the Valley always does well in light, sandy soil in a shady place. The plants cover the ground and bloom annually where the dense shade precludes the growth of grasses and most plants. Many hardy Ferns will also do well in such dense shade. If well-drained

some species of Columbine do well in a dense shade, and the old-fashioned blue-flowered Periwinkle or Myrtle can always be depended upon for such position. Perhaps more plants suffer in a shady place from the soil being constantly moist (if not wet) than from lack of direct sunlight. For any of the plants named the drainage should be good, and to have this it may be necessary to prepare the bed with an eight-inch layer of stones underneath.

**English Daisy.**—Even in the New England States the English Daisy will endure the winter if well established, and given a little protection. This may be simply a board frame placed around the bed, and in very severe weather a covering of loose evergreen boughs. Avoid dense covering. There is more danger of smothering the plants than of losing them by frost.

**Pink Root.**—The scientific name of the Pink Root of commerce is *Spigelia marilandica*. It is found in thickets from Pennsylvania to Illinois and south.



The plant has square stems and bears terminal spikes of tubular flowers, one of which is shown in the sketch. The spikes are scorpoid, or rolled somewhat like a Fern frond, and unroll as the flowers expand. The blooming period is in June.

**Gladiolus Bulbs.**—Lift the Gladiolus bulbs after frost in sections where the ground freezes severely during winter, and store them in a cool, frost-proof cellar. They are as easily kept as an Irish potato. In early spring bed them out, setting four or five inches deep. The bulbs never fail to bloom year after year when thus treated. South of Washington they mostly endure the winter without injury if deeply planted.

**Setting Pæony and Lily.**—The best time to set out Pæonies and Japan Lilies in a northern climate is in early spring. Planted late in autumn, they are liable to be injured or destroyed by frost.

## BYE-LOW BABY.

For the mothers who have named their babies  
George Park.—L. M.

When the shadows come and go,  
Bye-low, bye-low,  
Soft and sweet the breezes blow,  
Bye-low, bye-low,  
Starry lamps are set above  
By the angel hands of Love,  
Bye-low, Baby.

Time for sleep the birdies know,  
Bye-low, bye-low,  
Sheltered safe from every foe,  
Bye-low, bye-low,  
'Neath the mother's downy breast,  
In their cozy cradle-nest,  
Bye-low, Baby.

Rocking gently to and fro,  
Bye-low, bye-low,  
Off to slumber-land you go,  
Bye-low, bye-low,  
Dream of pleasant things to-night,  
Wake and laughing greet the light,  
Bye-low, Baby.

Lallia Mitchell.

## ADDITIONAL NAMESAKES.

George Park Brewer, Putnam Grove, N. J.  
Cora Park Myers, Powhatan, Kansas.

## GOSSIP.

**Lilium Auratum.**—I received three fine premium bulbs from that carload. They were planted eight inches deep, and were so long coming up I thought they were put in wrong. I waited a little longer and everyone came. One has three buds ready to open, the other has five, and the third is making ready for next season. A neighbor who has a group thinks it wonderful that they bloom the first season.

Eliza Grafton.

Worcester Co., Mass., Sept. 10, 1898.





Chinese Sacred Lily, 12 cts.

## Bargains in Fall Bulbs.

<b>CHINESE SACRED LILY.</b> 12 CENTS. 3 for 30 Cents Postpaid.		<b>BERMUDA EASTER LILY.</b> 12 CENTS. 3 for 25 Cents.	
3 Mammoth Freesias	10 cts	3 Golden Sacred Lily	10 cts
Little Gem Calla	10 cts	3 Sweet-Sc't'd Tulips	10 cts
2 Roman Hyacinths	10 cts	4 Spanish Iris	10 cts
3 Buttercup Oxalis	10 cts	12 Giant Crocus	10 cts



Bermuda Easter Lily.

### 25-Cent SPECIAL SAMPLE OFFER.

One each of these 10 BULBS mailed for 25 CENTS.

Address **Phebe J. Marshall, Hibernia, Dutchess Co., N. Y.**

**STARK NURSERY**

**Fruit Book**

Millions of market sorts old & new: Ben Davis, Black Ben Davis; Elberta; Red June Jap—EVERYTHING.

free, write quick.—«a marvel of exact orchard information» fine colored plates of 21 fruits, 100 photos.

**No Trees**

cost LESS, yet better quality is impossible.

**We PAY FREIGHT**

**STARK BROS.** LOUISIANA, MO. Stark, Mo. Rockport, Ill. Dansville, N.Y.

When answering this advertisement please mention Park's Floral Magazine.

## A EUROPEAN TRIP.

LETTER NO. 13.

The next morning I awoke early, and after the morning lunch went out with my friend to see some plants and bulbs he wished to show me, and also to inspect the grounds at the farther end of the farm and the cultural methods employed there. It seemed but a short time that we were away, and immediately upon returning we went into the dining room for breakfast. While we were there busily engaged in eating and conversing the old hall clock began to strike, and to our astonishment we found it was eight o'clock. Fifteen minutes later, and I should be at the railway station half a mile away. I was urged to wait and go upon the next train, but I felt it my duty to get away at the appointed time, if it were possible to do so. A man was therefore dispatched to hitch a farm horse into the one-horse farm wagon (the driving horse and carriage being kept some distance away), and we unceremoniously finished our breakfast and after hastily bidding good-bye with the family I mounted the seat with my friend, and with a cut and a bound we started for the station. My friend, under the urgent conditions, proved to be a veritable Jehu. He did not "spare the rod," and the way that hard, heavy wagon thumped and pounded the cobbled street was indeed frightful. The uncommon racket upon the street brought the Hollanders, young and old, to the doors and windows of their respective homes as we passed, and just to see two men roughly jolted from side to side, one holding on to the hard board seat with one hand and adjusting his hat from time to time with the other, while his companion held the lines and used the rod with his hands, and with his right foot guided the shaftless and tongueless wagon\*. The show was almost as good as Barnum's Circus. But at last we turned off upon a country road, and in crossing a canal bridge what do you think happened! Well, the support of our seat gave way and the

[\*NOTE.—The one-horse wagon of Holland is a clumsy vehicle with heavy axles and heavy wheels, and to the front axle, where the tongue should be attached, is a strong curved appendage fitted in a mortise and securely ironed. This peculiar part is perhaps four feet long and curved upward and recurved until the tip is as high as the bed. On the inner part of the curve is an iron stirrup into which the driver places his right foot, with which he guides the wagon. The horse is attached directly in front of this appendage, hitched to a loose singletree, just as the farmer attaches his horse to a shovel plow. In descending a hill the driver places his foot firmly upon the horse's rump and by a vigorous effort prevents the wagon from coming in contact with the horse.]

[Continued on next page.]

## TULIPS, HYACINTHS

### CHOICE WINTER-FLOWERING BULBS

Sent by Mail, postpaid, at the following special prices:  
4 lovely HYACINTHS, different colors, fine, for 10 cts.  
8 " TULIPS, lovely sorts, all different, " 10 "  
8 " NARCISSUS, " " " " " 10 "  
12 FANCY IRIS, nothing finer in flowers, " 10 "  
12 CROCUS, 5 sorts, named, " " " 10 "  
10 FREESIAS, fine mixed sorts, " " " 10 "  
10 OXALIS, all different colors, " " " 10 "  
Or the whole 60 bulbs, postpaid, for 50 cents.

**MY CATALOGUE** ELEGANTLY ILLUSTRATED. Bulbs, for Fall Planting and Winter Blooming, is now ready, and will be mailed **FREE**, to all who apply. Choicest Hyacinths, Tulips, Narcissus, and other Bulbs at greatly reduced prices. Write for it at once. Address

**MISS ELLA V. BAINES,**  
The Woman Florist, **SPRINGFIELD, OHIO.**

MENTION PARK'S FLORAL MAGAZINE



## BEST and CHEAPEST

### SPECIAL OFFERS IN "BULBS THAT BLOOM."

6 Fine Named HYACINTHS, 25c.  
15 Large-flowering TULIPS, 25c.  
30 Charming CROCUS, 25c.  
8 Fragrant NARCISSUS, 25c.  
15 Fragrant FREESIAS, 25c.  
3 Magnificent Easter LILIES, 25c.

For \$1.25 We will mail you the 6 sets

We send a premium with every six sets. Send for Catalog. We save you Money.  
**THE CHAS. A. REESER CO., URBANA, OHIO**

MENTION PARK'S FLORAL MAGAZINE

## --NEW FIRM--NEW IDEAS--

6 PLANTS, . . . . . all different, for 25c.  
6 BULBS, . . . . . " " " 25c.  
6 BEGONIAS, . . . . . " " " 25c.  
6 GERANIUMS, . . . . . " " " 25c.  
6 CACTI PLANTS, . . . . . " " " 25c.  
6 " CUTTINGS, . . . . . " " " 25c.  
12 PACK. FLOWER SEED, . . . . . " " " 25c.

Any three for 65c. Send for list. All of very best quality & size. **S. F. GROSS, 6210 Vine St., PHILA.**

MENTION PARK'S FLORAL MAGAZINE

**FLORIDA PLANTS** Price list free. Mrs. Ida J. Calhoun, Tampa, Fla.

**LADIES** WANTED to learn stamping at home. We pay 10 cents an hour until fit. Then fresh offer is made. **MCGREGOR & Co., Brooklyn, N. Y.**



## Flowers for Winter.

What You Can Buy for 25 cts., postpaid.

- 5 Hyacinths, all different colors, beautiful, 25c.
- 20 Tulips, a fine assortment, all colors, 25c.
- 10 Choicest Varieties Narcissus, all colors, 25c.
- 30 Crocus, all colors, handsome, 25c.
- 2 Chinese Sacred Lilies, or Joss Flower, 25c.
- 30 Freesias, Alba, Splendid Winter Bloomer, 25c.
- 2 Calla Lilies, for Winter Blooming, 25c.
- 15 Oxalis, all colors, including Buttercups, 25c.
- 6 Choice Winterblooming Roses, all colors, 25c.
- 5 Choice Geraniums, all different, 25c.
- 3 Carnations, ready to bloom, 25c.
- 2 Elegant Decorative Palms, 25c.
- 8 Giant Golden Sacred Lilies, new 25c.

You may select 3 complete sets for 60 cts.; any sets for \$1. Get your neighbor to club with you and get yours Free. Catalogue free, order today.

**GREAT WESTERN PLANT CO., Springfield, O.**

MENTION PARK'S FLORAL MAGAZINE

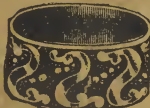


### GOOD SALARY

Made selling **BEVERIDGE'S Sanitary Steam Cooker**. Distills the water, purifies the cooking. No burning, no odor. Saves labor and fuel, fits any stove. **Good pay to agents, \$2.35 sold in one town. Write Box 963 Elroy Mfg. Co., Baltimore, Md.**

MENTION PARK'S FLORAL MAGAZINE

## EXQUISITE RINGS FREE



We will give a beautiful Solid Gold finished ring warranted to any person who will sell 10 of our beautiful enameled Pins at 10c. each. Send name and address and we will mail pins postpaid. You sell them and remit \$1 and we will mail the ring. **CLARK & CO., 100 Vinton St., Providence, R. I.**

MENTION PARK'S FLORAL MAGAZINE

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to introduce our new novelties in Pure Aluminum, Scotch Granite and Tin Ware. Writequick, Dept. M. HOUSEHOLD NOVELTY WORKS, 25 Randolph St., CHICAGO. Successors to SIDNEY NOVELTY WORKS.

MENTION PARK'S FLORAL MAGAZINE

## Choice Hyacinths Free.

Send me ten trial subscribers to PARK'S FLORAL MAGAZINE and I will mail to each subscriber either the Ten Hardy Bulbs or Ten Tulips offered elsewhere, and for your trouble I will mail you a fine collection of ten choice Dutch Pompon Hyacinths, all sound bulbs of finest named sorts, embracing all colors, and sure to produce handsome spikes of bloom.



The bulbs are not large, but plump and in fine condition, and unlike the large Dutch Hyacinths they will develop larger and handsomer spikes of bloom each succeeding year for several years, instead of deteriorating. On this account they are preferred by some to the larger bulbs. Blank Lists, sample copies, etc., free. Now is the time to secure and plant these fine bulbs. Don't delay. Address

**GEO. W. PARK, Libonia, Pa.**

If you prefer to buy this choice collection of Dutch Pompon Hyacinths I offer it at the special bargain price of 25 cents, mailed, postpaid. It is really worth 40 cents, and was never before sold for less. The supply is limited, and to be assured of them you had better order soon.

rear of the wagon bed went skyward as we were landed at the horses heels. I "picked myself up," and made a hasty survey of the wreck. What had appeared as a substantial box was now a mass of lumber, the parts having been hooked together. Just then I heard a shrill engine-whistle, and saw in the distance the rapidly-approaching train, while we had yet a quarter of a mile to go to reach the station. Quickly the boards were re-arranged and seating myself with my back toward the horse to avoid again disturbing the equilibrium, on we went at break-neck speed along a narrow road between two canals. You ought to have seen the serpentine tracks of our wagon. They embraced all of the space between the two canals, the driver's foot not being steady enough to keep the wagon always under control. At last we met a man with a similar wagon, and I just held my breath till we passed, as I felt that we would either have a collision or a bath. After passing I found we had gone within about six inches of the water's edge. Then we came to a little hill, and without any shafts, tongue or checking device I feared the wagon would run upon the heels of the horse, and the front end of the wagon bed with its burden would go skyward. But my friend said "See, Mr. Park, how handy it is! I just place my other foot upon the rump of the horse, and hold the wagon in check," and so he did. I laughed as I saw one foot in the guiding stirrup to keep the wagon in the road, and the other foot planted against the rump of the horse to hold the wagon in check, while one hand held the lines and the other the whip. "Toot-toot," and the train slackened its pace, while I jumped from the seat feeling truly as a "rough rider," bade my friend good-bye, and secured my coach apartment just as the conductor's horn announced "All aboard."

The railway service of Holland is similar to that of Belgium, the cars being entered from doors in the side, which are locked after the conductor takes up the tickets, and before the train departs. When the train reaches a station the conductor jumps from the rear car and runs along the foot path crying loudly the name of the station. The country traversed by the road from Sassenheim to Amsterdam was low, and devoted chiefly to growing flowering bulbs and such vegetables as potatoes, onions, beets, cabbage, and the like. Here and there were farms in which were grown oats, rye, barley, clover and pole beans in large patches. The farms were mostly surrounded by hedgerows, but there were no fences between the patches or fields. In many places whole farms were in grass, and contained fine herds of grazing milk cows. Relieving the monotony of the landscape were thrifty groups of timber grown for firewood. The farming utensils as a rule were similar to those used in Belgium. Leaving Amsterdam and approaching Germany more attention seemed to be paid to the field crops and less to trucking and flower growing. Passing Emmerick, where our baggage was examined by the German customs officials, I saw acres of flax, buckwheat, potatoes, celeropes,

*Continued on next page.]*



## STEEL WEB . Picket Lawn Fence

Steel Posts, Steel Rails and Steel Gates; Steel Tree, Flower and Tomato Guards; Cabled Field and Hog Fence, 24 to 36 in. high; Poultry, Garden and Rabbit Fence; Steel Wire Fence Board, etc. Catalogue free. **DeKALB FENCE CO., 148, High St., DeKalb, Ill.**

MENTION PARK'S FLORAL MAGAZINE



**10 YARDS FOR 10c.**

Greatest offer ever made! 10 yds. Fine Ribbon for 10c. Save money by buying direct from **H. RIBBON MILLS, HERNDON, PA.**



and large tracts of cultivated pine timber. The plow, used were of peculiar construction. The front of the beam was supported by a two-wheeled carriage, with a frame above to elevate the line, while the rear of the beam fitted into a moulder in the one almost upright handle. The mould-board turned a furrow just like on American plow. The farms seemed to be under a good state of cultivation, and the crops made a fine appearance. The farmer's dwelling was mostly upon the farm, and in many instances seemed to be comfortable and convenient. To one end of the house was usually attached the barn or stable for the accommodation of the farm stock. The public roads were kept in excellent repair, and were lined with beautiful shade trees, adding greatly to the charm of the landscape. At the railway station at Wesel was a large, gorgeously brilliant bed of Tuberous Begonias, edged with blue Lobelia, the cool, moderate climate here being such as to develop out-door beds of these flowers to perfection. As the train approached Cologne large fields of ripened wheat appeared, and there, for the first time in Europe, I saw a reaping machine in use. It was of the old style, and a man sat upon it raking off the sheaves, while the binding was mostly done by stout women with dark-colored dresses and a head-protection of white or red cloth or a black chip hat. Carts were used to haul in the grain, and the pitching was done by women as well as by men. The horses in both reapers and carts were hitched in single file—one in front of the other. As we came nearer to Cologne many reaping machines were seen, and here were seen for the first time in Europe large orchards of fruit trees. Immense red brick factories with tall chimneys dotted the landscape, and in the distance the towering spires of a great cathedral, with domes and towers of other buildings indicated the near approach of the celebrated city of Cologne. We drew nearer, crossed the old Rhine by the great arch bridge, and entered the grand railway depot of this old German city. I was indeed a stranger in a strange land, but soon found comfortable hotel accommodations, and slept soundly after the excitement and fatigue of the day's travel. Of my sojourn at Cologne I will tell you in my next.

Geo. W. Park.

Mr. Park:—If I had known of your Magazine when I first began raising flowers it would have saved me many a dollar, besides vexation and the loss of choice bulbs and plants which died for lack of proper care.

Mrs. C. S. Clark.

San Luis Obispo Co., Cal., Aug. 12, 1898.

**BUY YOUR WALL-PAPER**

BY MAIL from the manufacturers. Sample sent free. Prices 3c to \$3 a roll. KAYSER & ALLMAN, 1214-1216 Market St. Phila.

MENTION PARK'S FLORAL MAGAZINE

**EARN A GOLD WATCH**

And Chain

By selling 50 lbs. Baker's Tea, 40 Bicycles, Cameras, Dealer Sets, Sewing Machines, Typewriters, Parlor Organs, Gramophones, Gold Rings, Banquet Lamps, etc., are also easily earned. Ex. prepaid on cash orders. Send postal for Catalog. W.G. Baker (Dept. 11, Springfield, Mass.)



## The Johnsonii Lily.

I can supply fine large bulbs of Amaryllis Johnsonii at 35 cents each. This is one of the best of window bulbs, easily cared for, and sure to bloom. It should be in every collection. Address

GEO. W. PARK, LIBONIA, PA.

**SEND US ONE DOLLAR** and this ad. and we will send you this big 325-lb. COOK STOVE, by freight C.O.D., subject to examination.

new 1899 pattern high grade RESERVOIR COAL AND WOOD COOK STOVE, by freight C.O.D., subject to examination. Examine it at your freight depot and if found perfectly satisfactory and the greatest stove bargain you ever saw or heard of, pay the freight agent our SPECIAL PRICE.

\$13.00 less the \$1.00 sent with order, or \$12.00 and freight charges. This stove is size No. 8, oven is 16 1/2 x 18 x 11, top is 42 x 23; made from best pig iron, extra large flues, heavy covers, heavy linings and grates, large oven shelf, heavy lined oven door, handsome nickel-plated ornamental trimmings, extra large deep genuine Standish porcelain lined reservoir, handsome large ornamental base. Best coal burner made, and we furnish FREE an extra wood grate, making it a perfect wood burner. WE ISSUE A BINDING GUARANTEE with every stove and guarantee safe delivery to your railroad station. Your local dealer would charge you \$25.00 for such a stove; the freight is only about \$1.00 for each 500 miles, so we save you at least \$10. Address, SEARS, ROEBUCK & CO. (Inc), CHICAGO.



ACME  
BIRD

WRITE FOR OUR BIG FREE STOVE CATALOGUE

(Sears, Roebuck & Co. are thoroughly reliable)

MENTION PARK'S FLORAL MAGAZINE

## Bonanza Stationery Package.

Worth \$1.00, but sold for only 25 cents. Each package contains 18 Sheets Note Paper, 18 Envelopes, 1 XXX Gold Pen, 1 Lead Pencil, 1 Pen Holder, 1 Package British Ink Powder, makes at once 50 cents' worth best ink. 1 Book Standard Letter Writer, Ladies' and Gent's Complete Guide in Love or Business, and 1 Handsome Piece of Jewelry, making the best package ever sold.

**WATCH FREE** with every 45 Packages. Agents make BIG MONEY. Sample by mail, 25c. Catalog free.

BATES & CO., 160 P. Congress St., Boston, Mass.

MENTION PARK'S FLORAL MAGAZINE

## FREE WATCHES!

Chain and Charm, for a few hours' work. Our Gold plated Watch has the appearance of a solid gold one. The Watch is accompanied with a 20 YEAR GUARANTEE. The cases are beautifully made by the most skilled artists, in a design, as per illustration herewith. The movement is AN AMERICAN STYLE, full plate, expansion balance, quick train, and you can rely upon it that when you own one of these truly handsome watches, you will at all times have the correct time in your possession. Do you want a watch of this character? If so, now is your opportunity to secure one. To introduce our goods we will send you this Watch Free if you take advantage of our marvelous offer. If you want one write to us without delay. With your letter send us 12 cents in stamps, or 10 cents, silver for which we will send you our celebrated STAR PHOTOGRAPH OUTFIT, (and our offer) with which you can produce a perfect photo in 35 seconds; requires no dry plates, no chemicals, no dark room. Photos are clear as if done by a \$250. CAMERA; no practice needed. You can coin money making photos. It comes neatly packed in a pasteboard box and consists of the wonderful SECTIONAL CIGAR HOLDER, a quantity of impression blanks, and complete directions. By smoking a cigar you can produce a picture with every puff of smoke. After receiving the beautiful Watch we shall expect you to show it to your friends and call their attention to this advertisement. The Watch is sent Free, by mail, on your complying with our advertisement, and the marvelous offer which we will send, and it is Fully Warranted. Money returned if not more than satisfied. Our offer sent with outfit will expire all Address, STAR PHOTOGRAPH CO., 19 Warren St., New York

MENTION PARK'S FLORAL MAGAZINE

## FREE No Money Wanted

For this ring. The latest lovers' knot. Solid Gold plate, hand chased. Guaranteed to wear. Send us 8 cents to help page catalogue. For the box it comes in and postage on our 50

CURTIN JEWELRY CO., Attleboro, Mass.

MENTION PARK'S FLORAL MAGAZINE

## NECKTIES

To introduce our Latest Styles of Neckties we will send Five Different Designs of Neckties, Ladies' or Gentlemen, postpaid for 20c. Largest stock of season's new and most charming patterns. The handsomest and most stylish ties worn to-day. Greatest bargain ever offered. Ernst Manufacturing Co., 1167 First Ave., New York City





## POULTRY LOVING WOMEN,

thousands of them are **MAKING MONEY** out of eggs. It's pleasant and profitable. They double the egg product by feeding Green Cut Bone and Granite Crystal Grit.

### MANN' NEW BONE CUTTERS

cut fast, fine and so easy that any woman can work them. Mann's Clover Cutters and Swinging Feed Trays pay big for their investment. Cash or Installments. Send for our free illustrated catalogue. F. W. MANN CO., Box 41, Milford, Mass.

When answering the above advertisement please mention Park's Floral Magazine.



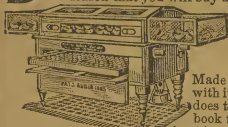
## DON'T SWEAR

as you did last season that you will buy an incubator and then not do it. Nothing like starting right. If you want to start right and stay right buy the

### Reliable Incubator.

Made so the veriest novice can't fail with it. Light the lamp, the Reliable does the rest. We send a 224 page book for 10c in stamps that tells all about it and the Reliable Poultry Farm.

RELIABLE INCB. & BROODER CO. Box B 97, Quincy, Ill.



MENTION PARK'S FLORAL MAGAZINE



**POULTRY PAPER**, illus'd, 20 pages, 25 cts. per year, 4 months trial 10 cts. *Sample Free.* 64-page practical poultry book free to yearly subscribers. Book alone 10 cts. *Catalogue of poultry books free.* *Poultry Advocate*, Syracuse, N. Y.

MENTION PARK'S FLORAL MAGAZINE



**\$8 FOR A MACHINE** to weave your own fence of Coiled Hard Steel Spring Wire, 32 inches high, at 25 CENTS PER ROD. \$20 buys wire for 100 rod fence. Agents Wanted. Catalogue Free. Carter Wire Fence Mach. Co. Box 209, Mt. Sterling, O.



**THE ONLY MILL** that grinds the same feed through two mills on the same spindle. Grinding pressures balance each other, avoiding wear and heating. The **QUAKER CITY** Grinding Mill grinds corn and cob, oats, &c., for feed and Graham. Catalogue free. A. W. Straub & Co., 3737 Filbert St. Phila. The A. W. Straub Co., 4 S. Canal St., Chicago, also Western Agents for Smalley's Powers, Shellers & Cutters.

MENTION PARK'S FLORAL MAGAZINE

**DO YOU**

## WANT MONEY?

Regular U. S. government bills. No counterfeits—genuine stamps. Make money as if by magic. Confidential communication. Send 50 cts. and get sealed information with \$1 cash value for test. Address **ARNOLD & CO., 106 Park Row, N. Y. City.**

MENTION PARK'S FLORAL MAGAZINE

## WE SEND IT FREE

and Pay The POSTAGE.

Our catalogue of Aluminum, Granite and Tin Ware Specialties. Something new every week. We start you in business. \$25 per week profit.

### You Make The Money.

B. VINING NOVELTY WORKS, 60 Wabash Av. Chicago.

MENTION PARK'S FLORAL MAGAZINE



**Do You Want One** of these Gold Filled Alaska Diamond Rings? If so, send us the names and addresses of 2 people and 10 cts., silver or stamps, to help pay postage, packing, etc., and we will send you this handsome Ring for your trouble. Send slip of paper size of finger. Address

HOWARD MFG CO., 64 V ST., PROVIDENCE, R. I.

## QUESTIONS AND ANSWERS.

Bulbous Buttercup.

Park: I enclose a

specimen of a wildling. The plant has a little bulbous root that resembles an Onion set. It was first found in a neighbor's yard. No person here ever saw it before, or knows its name. What is it?—A. F. L., Alba, Mich.

Ans.—The plant is Ranunculus bulbosus, a European Buttercup, which has become naturalized in this country. It is pretty, but not easily eradicated when it once gets established. It is readily propagated by seeds and division.

Tulips.—My Tulips are so late dying down. Would it do to cut the tops off for transplanting seedlings?—E. B., Mass.

Ans.—Do not remove the tops of Tulips or other bulbs. It is always injurious. If you wish to use the bed before the tops die lift the bulbs with tops attached and heel them in thickly in another place to remain till the tops dry off, when the bulbs may be dried and stored in paper bags in a cool, dry place until planting time in autumn.

Planting Shrubby.—Would February be the best time to plant out shrubs?—Mrs. F. N., Pa.

Ans.—In some localities it would not be possible to plant out shrubbery in February. As a rule it would be better to plant when the peach-tree is in bloom. Some of the hardier kinds might even be planted earlier—say as soon as the ground can be worked in the spring.

## PEACE. PROSPERITY.

Now is the time to send for a description of the

## FAMOUS O. I. C. SWINE,

two of which weighed 2806 lbs. First applicant gets a pair **ON TIME** and secures agency.

L. B. SILVER CO. 295 Summit St. Cleveland, O.



MENTION PARK'S FLORAL MAGAZINE

## I LOVE YOU SO!

in stamps.

ADAMS MUSIC CO., Dept. F., 64 Winfield Ave., Jersey City, N. J.

## LATEST POPULAR SONG & CHORUS.

Regular price is 50 cents, but we will send

you a copy in *Complete Sheet Form*, together with our *Musical Bulletin*, *Catalogue of Music*, bargain list and premium offer for 6 cents



## A VALUABLE WATCH.

A gold watch was offered to the person who would send the largest club of subscribers to the Floral Magazine before July 1st, 1898. Mrs. H. C. Jelliff, of Waukesha, Wisconsin, was the successful contestant, and here is her letter of acknowledgment:

Dear Editor:—I received the gold watch in good order on Friday last. It is a fine little watch, and I am much pleased with it. I feel well repaid for my work. I see you have your advertisement for bulb premium. I will try and get up another club for you. Accept many thanks for the little watch. It is a fine timekeeper.

Mrs. H. C. Jelliff.

Waukesha, Wis., Aug. 23, 1898.

To anyone who will send me the names of 25 trial subscribers to the Magazine at 10 cents each I will mail a watch suitable for a bedroom or the kitchen, or for a pocket timepiece for a boy or man. The watch is nickeled, is stem wind and stem-set, and a good timekeeper. Send for blank list, sample copies, etc. You will find no trouble to get up a club upon the liberal bulb premium offers we make. See page headed "All for 10 cents." Address

GEO. W. PARK,  
LIBONIA, PA.

Mr. Park:—Your Magazine is perfectly fascinating to me. We all enjoy your letters. Will you not have your portrait as a frontispiece in the Christmas number of the Magazine? I know all your readers would appreciate it.

Polk Co., Minn., Aug. 13, 1898. Mrs. M. C.



**\$10.00**  
To **\$30.00**

and expenses can be made **EVERY DAY** with our NEW IMPROVED GRAMOPHONE TALKING-MACHINE. Price reduced to **\$10.00**. No previous experience necessary. A wonder as a home

entertainer. All the latest Music, Songs, Speeches or your own voice. Complete Outfits, consisting of Machine with automatic spring motor which runs 3 records with one winding. Hearing Tubes, Concert Horn, 12 Musical or Talking Records, large size Show Bills, Admission Tickets, Etc., for **\$15.25**. An opportunity to make **BIG MONEY EASY** giving public entertainments. Just the thing for Church and Sunday-school entertainments. Anyone can operate them. Send for FREE Catalogue of Gramophones, Records, Etc. with hundreds of testimonials from those who are making big money with our Gramophone Outfits, or, by sending ONE DOLLAR we will send the outfit by express C. O. D. subject to examination, balance payable when received. Address

SEARS, ROEBUCK & CO. (INC.) CHICAGO, ILL.

(Sears, Roebuck & Co. are thoroughly reliable)

MENTION PARK'S FLORAL MAGAZINE

**It Pays** men with small capital to send for 256 page book that explains a way to make money with a Magic Lantern or Stereopticon. It's free.

McALLISTER, Mfg. Optician, 49 Nassau St., N. Y.

MENTION PARK'S FLORAL MAGAZINE

**5 VALUABLE RECEIPTS.** Liniment, Salve and Washing Fluid all for 30 cents, silver or stamps. **BOX 605, St. Thomas, Ont.**

**Profitable** home work for men or women; day or evening; \$6 to \$12 weekly; no canvassing or experience needed; plain instructions and work mailed on application. Brazilian Mfg. Co., New York City.

**WE PAY** \$75 to \$125 per mo. & expenses selling cigars; experience unnecessary; permanent position. Bailey Bros., Philadelphia, Pa.

**GAS LIGHT IN EVERY HOUSE** NO PIPES; NO METER; CHEAP; CLEAN; SAFE; AGENTS—EITHER SEX; OUTFIT FREE; ACT QUICK. K. Cassgreen Mfg. Co., Chicago, Ill.

**1 YARD SILK GOODS,** all in one piece, suitable for dress trimming or fancy work, sent for 10 cents postpaid. H. SILK CO., BEAVER SPRINGS, PA.

**12 YARDS TORCHON** All one piece FREE if you send 3 mos. **AMERICAN NATION Co., Waterville, Maine.**

**LACE GIVEN AWAY** us 10 cents for paper



## QUILT PATTERNS.

We want every quilter to have our Book of 400 Designs, containing the prettiest, queerest, scarcest, most grotesque patterns, from old log cabin to stars and puzzle designs. All sent postpaid for five 2c. stamps (or silver dime), 3 for 25c. **LADIES' ART CO., 203 Pine St., R 9, St. Louis, Mo.**

**\$600** Per Year and all expenses **Guaranteed \$900**

our General Agents who travel and appoint local agents on our popular books. We need a few more now. Ladies or Gentlemen. If Interested in traveling employment send stamp for Application Blank and full information. Local agents also wanted. Complete history of our War with Spain and four beautiful Holiday Books now ready. Write for terms. C. W. STANTON CO., 330 Dearborn St., CHICAGO, ILL.

MENTION PARK'S FLORAL MAGAZINE

## HOW TO DO CANNING

WITH EASE AND SUCCESS. Perfect form, color, flavor. Endorsed by 12 STATE FAIRS and Boards of Health. Costs 1/2 old way. Thousands praise it. NOT Salicylic Acid. No cooking berries, cherries, etc. Vegetable, Pickle, Butter, Milk, Cider, Wine, etc., keeper. VALUE RETURNED with particulars for 20c. AMERICAN WOMAN'S STANDARD CANNING PROCESS, 322 So. Mech. St., Jackson, Mich. Agents Wanted.

MENTION PARK'S FLORAL MAGAZINE

**FREE** We give every girl or woman one rolled gold-filled solitaire Puritan rose diamond ring, solid-gold pattern, for disposing of 20 packages of Garfield Pepsin Gum at 5 cents a package; send name; we mail gum; when sold send money and we mail ring; few can tell from genuine diamond; we take back unsold gum. GARFIELD GUM CO., Dept. 12, Meadville, Pa.

**READER!!** 25 cents buys one large package of MAMMOTH PANSY SEED (Mixed Colors) and a packet of Walker's Excelsior food for flowers sent postpaid to any address. The Plant Food is an invaluable aid in pansy culture. Address: E. H. VINCENZ, Clifton, Springs, N. Y.

MENTION PARK'S FLORAL MAGAZINE

**\$9.50 BUYS A HIGH GRADE VICTOR SEWING MACHINE** Adapted to Light and Heavy Work. Reliable and Finely Finished; Guaranteed for 10 Years. Write for 40 Page Catalogue. Attachments Free. 30 DAYS FREE TRIAL. Address Dept. 63. VICTOR MFG. CO., 30-98 Market St., Chicago.

**\$5 to \$35 OVER 50 MAKES** Largest assortment in America. Write for confidential offer. You can earn a wheel acting as our agent. Brown-Lewis Cycle Co. CM Chicago, U.S.A.

**ONE YEAR FOR 10 CENTS** We send our monthly 16-page, 48 col. paper devoted to Stories, Home Decorations, Fashions, Household, Orchard, Garden, Floriculture, Poultry, etc., one year for 10 cents. If you send the name and address of six lady friends, WOMAN'S FARM JOURNAL, 4313 Evans Ave., Saint Louis, Mo.

**SILK FOR CRAZY WORK.** 15 yards, in yard lengths, all of different colors will be sent to your address postpaid, on receiving 10c. Persian Silk Co., Dept. F, Box 128, Bloomfield, N. J.

**PILLOW SHAM** HOLDERS, Nickel Plated. Set complete with screws. Post-2 Set 25 Cts. age paid by mail and agents' terms 15 Cts. J. R. Ferguson & Co., Box 5, Chester, Conn.

**10 YARDS OF SILK,** in yard lengths of different colors. Just the thing for Crazy Work. Sent for 10c. postpaid, H. STAR SUPPLY CO., Beavertown, Pa.

**700** Sample Styles of Silk Fringe Cards, Hidden Name Cards, Love Cards, Scrap Pictures, Games, Puzzles, Album Verses, The Star Puzzle, 15 Puzzle, and Agents Sample Album of our latest Cards. Send a 2c. stamp for postage. BANNER CARD CO., CADIZ, OHIO.

**WRITERS WANTED** to do copywriting at home. Law College, Lima, O.

**Remember** THE NAME. Excelsior collection 100 stories 10c. Offer now. J. CONNOR CO., D7, Hamilton, O.





## FREE! FREE!

Any one can earn this Beautiful Gold Plated Hunting Case Stem Winder Watch, Charm, and Chain (guaranteed) a perfect timekeeper, by selling our **ELECTRIC LAMP WICKS**. They can be sold in a few hours. They are practically indestructible. No trimming; no smoke; no smell.

**OUR GRAND 90-DAY OFFER:**

Send your name and address, and we will send you 20 wicks, postpaid; you will sell them at 5c. each and remit us \$1, and we will mail to your address, free, a Beautiful Gold Plated Watch Chain and Charm.

**ELECTRICAL WICK COMPANY, Dept. P, Orange, N. J.**



## \$30 WATCH FOR \$6.65

The handsomest & most superbly engraved double hunting case, 14-karat solid gold filled watch, genuine Elgin made movement, stem wind a stem set, an absolutely correct timekeeper and guaranteed to wear and keep its color for

## 20 YEARS.

Only one watch to each customer at this price. Cut this out and send it to us with your name & address and we will send the watch to you by express for examination. You examine it at the express office & if you find it as represented, pay the express agent our special introductory price, \$6.65, & the watch is yours. Mention in your letter whether you want Lady's or Gent's size and order to-day, as we will send out samples at this reduced price for 60 days only. Address **R. E. CHALMERS & CO. 352-356 Dearborn St. Chicago.**

MENTION PARK'S FLORAL MAGAZINE

HIGH  
ARM.



Warranted  
Ten Years

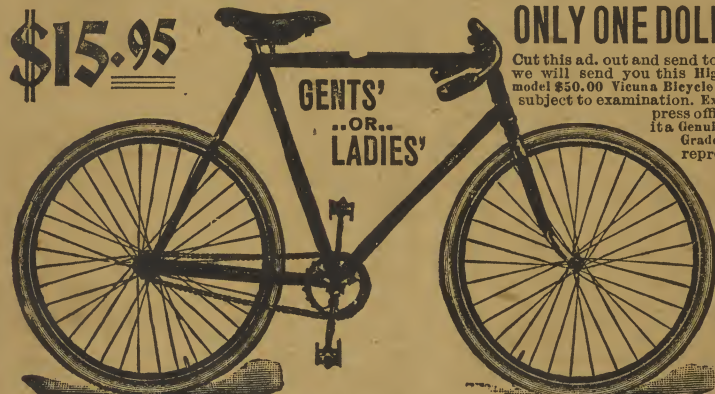
## USE IT FREE

30 days in your own home before paying one cent in advance; shipped anywhere, to anyone, for 30 days' test trial. We risk you. \$60 White Star Machine, . . . \$25.00  
\$50 Pearl Machine . . . 15.00  
Standard Singers, \$9, \$12.50, 16.00  
Full set of attachments free; buy from factory and save \$10 to \$40; **WE PAY FREIGHT**; thousands in use; catalog, showing 20 other styles, free. Each machine guaranteed 10 years.

**Consolidated Wholesale Supply Co.**

Address (in full) Dept. 92, 216 S. Clinton St., Chicago, Ill.  
MENTION PARK'S FLORAL MAGAZINE

**\$15.95**



## ONLY ONE DOLLAR DOWN

Cut this ad. out and send to us with \$1.00 and we will send you this High Grade latest 1898 model \$50.00 Vicuna Bicycle by express, C.O.D., subject to examination. Examine it at your express office and if you find it a Genuine 1898 model, High Grade \$50.00 Vicuna, as represented, and the grandest bargain you ever heard of, pay the express agent the balance \$14.95, and express charges.

**THE VICUNA BICYCLE CO. HAS FAILED.**

and 2,500 of its finest 1898 \$50.00 wheels have been turned over to us to sell at \$15.95—less than cost of material alone.

ONE OF THE BEST BICYCLES MADE, finest seamless tubing best material throughout, drop forge connections, full ball bearing, two-piece hanger, high grade guaranteed single tube pneumatic tires, high grade equipment throughout, finest finish maroon, black or green enamel, handsome nickel trimmings, any gear. We give a one year blinding guarantee. **ORDER TO-DAY.** You can sell them at \$30.00 each. Our last bicycle offer this season. Address.

**SEARS, ROEBUCK & CO. (Inc.), CHICAGO, ILL.**

When answering this advertisement please mention Park's Floral Magazine.

## OUR MATCHLESS OFFER!

For 30 days only, to introduce our goods we will send 30 Pieces handsome Silk Remnants (large and beautiful), also one Fair fine Gold Plated Ear Drops with sparkling Gem Setting, and 1 Yard Silk Ribbon, all for 12 cents, postpaid. (Ear Drops alone are worth 25c.) Address, **N. Y. IMPORTING Co., 58 Ann St., New York.**

When answering the above advertisement please mention Park's Floral Magazine.

## GOSSIP.

**That Viburnum.**—Mr. Park: In the August number of your admirable Magazine I found an illustration of the flower and foliage of a shrub that for years was a source of research to me. Back in the morning of life, among the New England hills, I used to have a favorite shrub, that in our nomenclature was known as Witch-hopple or Witchopple. I considered it a pretty shrub, with its great flat bloom, lighting up the shadowy woods, but as the blossom did not lend itself to decorations of any kind I prized it most for its shining black fruit that followed quickly after the time of blooming. I have in my yard a shrub that the florist called a Guelder Rose. It is a sister of the Snowball, and its bloom patterns closely after the Witchopple of the New England woods. This it was that gave me a clue to the relationship, and by searching I learned that my old friend was a Viburnum. If other readers have wondered as to its name as much as I have they will be delighted to identify the shrub from your illustration. Has anyone ever tried cultivation to learn its effect on the fruit? I remember we used to think the berries the most delicious thing "that ever happened."

**Maude Meredith.**

Dubuque, Iowa, Aug. 10, 1898.

**Primroses.**—Dear Sisters: How many of you are starting Chinese Primroses for this winter? I had two last winter that were greatly admired, and my husband wants me to have a bay window full, and this winter I shall have many plants. But don't play Nabby Frost, and try to beg slips of your neighbors, as some have done of me. When the florist will send us plants so cheaply I pray of you don't beg them of those who have paid hard cash for them. I believe all places have their Nabbys. Don't be a Nabby.

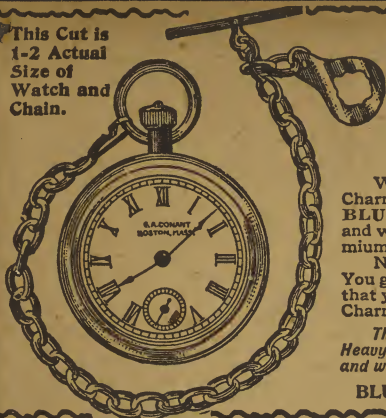
**Mrs. Silas Rider.**

Otsego Co., N. Y., Sep. 1, 1898.

**Perennials.**—The editor has an interesting letter from an esteemed patron at Youngstown, Ohio, extolling the beauty and utility of perennial flowers, but limited space forbids its publication. She has a large collection of perennials which she raised mostly from seeds, and the plants require but little care. She urges the Floral folks to give perennials more attention.



This Cut is  
1-2 Actual  
Size of  
Watch and  
Chain.



## Watch and Chain FOR ONE DAY'S WORK.

We send this Nickel-Plated Watch, also a Chain and Charm to Boys and Girls for selling 1½ dozen packages of **BLUINE** at 10c. each. Send your full address by return mail and we will forward the **Bluine**, postpaid, and a large Premium List.

No money required. We send the **Bluine** at our own risk. You go among your neighbors and sell it. Send us the money that you get for it and we send you the Watch, Chain and Charm, prepaid.

*This is an American Watch, Nickel-Plated Case, Open Face, Heavy Bevelled Crystal. It is Guaranteed to keep Accurate Time, and with proper care should last Ten Years.*

**BLUINE CO., BOX 1386, CONCORD JUNCTION, MASS.**

## Ladies make \$18 easy

If you are in need of employment, send us your address, and we will show you how to make \$18 a week easy and sure. If you are in need of employment, write to us at once. We guarantee that you can make \$18 a week absolutely sure. You will be surprised at how easy it can be done. Send us your address anyway, it will be to your interest to investigate. Write today. You can positively make \$18 a week easy. Address **ROYAL MANUFACTURING CO., BOX 463, DETROIT, MICH.**

### GOSSIP.

**Dwarf Sweet Peas.**—Last year I had a bed of white Cupid Sweet Peas which did well, and I saved many seeds, distributing the surplus to friends. Plants from these seeds are now in bloom, and show many colors and variegations, from lightest pink to deepest red, blue, violet and purple. The stalks are some taller than last year, but this may be due to highly manured ground. There was no chance for the Cupids hybridizing with other varieties, as my colored Sweet Peas were on the opposite side of the house. Have other growers had similar experience?

Fred Roach.

Wright Co., Iowa, July 4, 1898.

**Begonias.**—Mrs. M. A. Bucknell, of Illinois, is very successful with Begonias, and has a fine collection. Her plants are in pots, and partly sunken in the ground near the porch, the end of which is covered with Japanese Morning Glories, so that only the evening sun reaches them. She regards this as an ideal spot for Begonias. When it does not rain she keeps the soil moist with her sprinkler.

**Epiphyllum.**—Mr. Park: I enclose a picture of my Epiphyllum grafted upon C. triangularis. It was eighteen months old February 20th, when it bloomed, carrying twenty buds and flowers. I can't tell you how pretty it was, for pen or tongue cannot describe the beauty of a Cactus in bloom. I have another nine months old which would have opened ten flowers, if a mouse had not made a supper of the buds. I had revenge, for I caught him in a trap. Mice will eat every bud from this plant, also eat up every Carnation, while they will not touch other plants.

M. D. Smith.

Pettis Co., Mo., April 4, 1898.

### To Cure Constipation Forever.

Take Cascarets Candy Cathartic. 10c or 25c. If C. C. C. fail to cure, druggists refund money

### A MILLION MEN AND WOMEN

Will buy our copyrighted article on sight. YOU send 25c for sample and take agency. Money refunded if not satisfactory. Address now with 25c in stamps. **Pike Mfg. Co., Groton, Tompkins County, N. Y.**

### SPECIAL OFFER.



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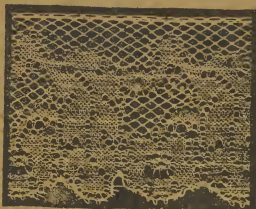
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Will take pins back if you cannot sell them. Address, **STANDARD JEWELRY CO., 69 Pearl Street, Boston, Mass.**

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Having recently purchased the entire stock of watches from a bankrupt firm, consisting of solid gold, silver and gold-filled cases, we shall offer a portion of the entire lot at prices never before heard of in the Watch trade. Among the stock are 8,750 AMERICAN STYLE WATCHES, in SOLID GOLD-FILLED CASES, which we shall sell singly or by the dozen to private parties or the trade, at the unheard-of LOW PRICE OF \$3.98 EACH. Each and every watch is guaranteed a perfect time-keeper, and each watch is accompanied with our guarantee for 20 years. Think of it! A genuine American Style Movement watch, in solid gold-filled case, and guaranteed 20 YEARS for \$3.98. These wanting a first-class, reliable time-keeper at about one-third retail price, should order at once. Watch the speculators can make money by buying by the dozen to sell. CUT THIS OUT and send to us and we will send a watch to you C. O. D., subject to examination, by express, upon approval. If found perfectly satisfactory, and exactly as represented, pay \$3.98 and express charges, and it is yours, otherwise you do not pay one cent. Can we make a fairer offer? Be sure to mention whether you want ladies' or gent's size. Price per dozen, \$48.00. If full amount, \$3.98 is sent with the order, we will include one of our special heavy GOLD FILLED CHAINS, which retail the world over, for \$1.00. Address at once, **SAFE WATCH CO., 19 Warren St., NEW YORK.**

MENTION PARK & FLORAL MAGAZINE



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## QUESTIONS AND ANSWERS.

**Easter Lily.**—An Easter Lily which I purchased grew four feet high, but was barren. Will it bloom, and what treatment shall I give it?—Mrs. N., N. Y.

**Ans.**—The Easter Lily requires early potting, rich, porous soil, a cool, moist atmosphere, and plenty of light to do well. The amateur should plant only large bulbs. The small bulbs often advertised rarely do well. Bloom should not be expected till about five months after potting. The bulbs recently have been affected by a disease which has greatly diminished their popularity and culture.

**Tuberose.**—Is it necessary to lift the Tuberose in the latitude of Davidson county, Texas?—L. G., Texas.

**Ans.**—Yes. The Tuberose is a native of tropical Mexico, which is dry during the winter season. The bulbs might survive and produce leaves, but the cold and moisture of our southern winters would be likely to destroy the flower germ. Lift and dry the bulbs off in autumn, when the growing season is past, and store them in a dry, warm room till spring.

**To Bloom After Tulips.**—Mr. Park: Can you suggest in the Magazine something to bloom after the Tulips and before the Verbenas?—L. W.

**Ans.**—A few seeds of Dwarf Rocket Larkspur sown early in autumn will give a good account of themselves after the Tulips fade. The plants are not heavy, and will not by shading retard the development of the Verbenas. Perhaps a better plant would be the Hardy Verbena, a few plants of which would show well before the Hybrid Verbenas begin to bloom, and the unity and harmony of the display would thus be maintained. Plants of this, however, should be set out during the spring or summer to be established by winter, otherwise they might be destroyed by the frost in a severe climate.

**Free to our Readers.**—The New Cure for Kidney and Bladder diseases, Rheumatism, etc.



Mrs. L. D. Fegely, Lancaster, Ills.

**DISORDERS** of the Kidneys and Bladder, cause BRIGHT'S DISEASE, RHEUMATISM, GRAVEL, PAIN IN THE BACK, FEMALE COMPLAINTS, URINARY DISORDERS, DROPSY, etc. For these diseases a POSITIVE SPECIFIC CURE is found in a new botanical discovery, the wonderful KAVA-KAVA SHRUB, called by botanists, the piper methysticum, from the Ganges river, East India. It has the extraordinary record of 1200 hospital cures in 30 days. It acts directly on the kidneys and cures by draining out of the Blood the poisonous Uric Acid, Urates, Lithates, etc., which cause the diseased conditions.

Rev. W. B. Moore, D. D., of Washington, D. C., testifies in the *Christian Advocate*, that it completely cured him of Kidney and Bladder Disease of many years' standing. Hon. B. C. Wood, of Lowell, Ind., writes that in four weeks the Kava-Kava Shrub cured him of Kidney and Bladder disease of ten years' standing. Many ladies, including Mrs. L. D. Fegely, Lancaster, Ills., and Mrs. Sarah Vunk, Edinboro, Pa., testify to its wonderful curative powers in Kidney and other disorders peculiar to womanhood.

That you may judge of the value of this *Great Specific* for yourself, we will send you one Large Case by Mail **FREE**, only asking that when cured yourself you will recommend it to others. *It is a Sure Specific and cannot fail.* Address, **The Church Kidney Cure Company, No. 409 Fourth Avenue, New York City.** Mention this paper.



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Send us your address and we will show you how to make \$3 a day absolutely sure; we furnish the work and teach you free; you work in the locality where you live. Send us your address and we will explain the business fully; remember we guarantee a clear profit of \$3 for every day's work; absolutely sure; write at once. ROYAL MFG. CO., Box 283, Detroit, Mich.



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Introduce our Vegetable Pills, a sure cure for constipation, indigestion & torpid liver, if you agree to sell only six boxes of Pills at 25 cts. a box write to-day & send 10 cts. & we send Pills by mail when sold send us the money less the 10 cts. you sent with order & we send you one dozen Silver plated tea spoons together with our offer of a 56 piece china tea set same day money is received. This is a liberal inducement to every lady in the land & all who received the spoons & tea set for selling our Pills are delighted. American Med. Co. Dept. G. 30 W. 13th St., N.Y. City.

### LETTER FROM NABBY FROST.

Deer Mister Park:-I am surprised that you should print any such letter as "Alice M. Peters" wrote you, after I've told you jest how desecful them wimmen air. As if it wud hurt there plants eny to give me a slip now and then. Wy, thares only one of me, an Ide haf to pay out a lot of money to get as menny plants as I want.

The fact is I cant hardly get enuf no way, for the slips will in spite of me, and all the sympathy I get is to be told that if I'de stay closter to home Ide have better luck! Now I call that rite down mean, don't you? And these here florists, tha don't do as well as the mite, neither. I haint no folt to find with you, Mister Park, for when I sent to you ten cents for Gladiolias you sent me a hull duzen, an I kno you ask fifteen cents a duzen. Now I call that fare declin, and its all rite, but when I sent five cents to another man for a ounce of Sweet Peas hede advertized cheep I didnt get one thing but that there ounce of Peas, and tha wasnt no grate shakes neether. Then I sent another man a hull quarter of a dollar for a colleshun of fifteen plants, an I never got a extry! To be shure, the plants was alive all rite, but sech little mites of things. Wy, Ide haf lots bigger ones from the nabor wimmen, stingy as tha be.

O deer me, seems to me I do have the hardest time of enybody. Now I jest got a nice, big Geranium to bloomin, an in cum too nabors an begun beggin for slips. I declare I was to my wits end, for if I broke off them slips the hull plant wud be spilt, an tha kep tellin me of the slips thade giv me till I jest coodent refuse, and I jest ruined that plant fur em. I never hafid enything so in my life, an I think it was jest pure meennes to, for them wimmen both has more Geraniums than tha kno what to do with. Yours truly,

Nabby Frost.  
Guysville, Oregon, Aug. 23, 1898.

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## HAIR ON THE FACE

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Every pregnant woman should have this Brace



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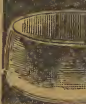
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WM. T. BLANDIN.

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[Mention Park's Floral Magazine when writing.]

## EXCHANGES.

**NOTICE.**—Each subscriber is allowed three lines one time in twelve months. Every exchange must be wholly floral. Insertion not guaranteed in any certain month. Right reserved to exclude any exchange, or cut it down as the exigencies of space demand. All lines over three must be paid for at advertising rates. All letters received should be answered in order to avoid misunderstanding and dissatisfaction.

Mrs. K. Gingrich, Lombardville, Ill., will ex. Wisteria and Madeira vine tubers for Plumbago, Lantana, Hibiscus and Begonia; don't write.

S. Blanchard, Ft. Stanton, N. M., will ex. Woodbine, Clematis and Cactus for shrubs, vines, Dahlia roots.

Mrs. Effie McCans, Tyrone, Pa., will ex. seeds and bulbs for other seeds, bulbs and plants; please write.

Mrs. W. J. Brown, Pleasantville, N. Y., has dwarf Cannas, Begonias and Palms Latania borbonica to ex. for Old Man Cactus, Farugium grande, Zamia Palm.

Hattie C. Clark, Mound City, Kan., has rooted Coleus, Sweet Rocket and Wisteria to ex. for Begonia, Geranium or Cactus plants or slips; send.

Mrs. C. A. Adams, Sherley, Texas, has Oleanders to ex. for Sweet Violets; Tuberoses for Begonias or Lillies.

Carrie Gillam, Williamsburg, Va., will ex. seeds and Water Hyacinths for bulbs or plants.

L. G. Powell, 591 Sixth Ave., Lansingburg, N. Y., has Coleus, Geraniums, Cannas, perennials and seeds to ex. for Palms, Callas, Sansevieria and Farugium.

Chas. E. Parnell, Floral Park, N. Y., wishes to correspond and ex. with those interested in floriculture.

Mrs. S. Gertsch, Humphrey, Neb., will ex. seeds and slips of choice flowers for others.

Maud Meredith, Dubuque, Ia., will ex. seeds of variegated Scotch Thistle for Lily bulbs of any kind.

May E. Wetherell, Salamanca, N. Y., will ex. Dahlia bulbs, Ferns, white Rose roots and Aster seeds for Gladioli, Peony or Lily bulbs; write.

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I have spent nearly fifty years in the treatment of Catarrh, and have effected more cures than any specialist in the history of medicine. As I must soon retire from active life, I will, from this time on, set the means of treatment and cure as used in my practice, **Free** and post-paid to every reader of this paper who suffers from this loathsome, dangerous and disgusting disease. This is a sincere offer which anyone is free to accept. Address, PROFESSOR J. A. Lawrence, 114 West 32d St., New York.

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MENTION PARK'S FLORAL MAGAZINE



## EXCHANGES.

F. J. Heil, 2023 E. 3d St., Los Angeles, Cal., will ex. choice seeds, cuttings, etc., for others; send list.

Mrs. E. D. Matthews, Ely, Iowa, will ex. double yellow Dahlia bulbs for Dahlias of other colors; also Date Palms for choice Chrysanthemums.

Mrs. Mary T. Scoble, Rush River, Minn., will ex. Geraniums for fancy-leaved plants and other Geraniums.

Mrs. I. D. Smith, Tididoute, Pa., will ex. Trumpet Vine, Gladiolus and other bulbs for Yucca, Cannas, Chrysanthemums and hardy and everblooming Roses.

Mrs. A. F. Nims, Bellows Falls, Vt., has Sansevieria Zeylanica to ex. for Rex Begonia or Lobster-claw or Old Man's Head Cactus; don't write.

F. Bright, 206 Monumental St., San Antonio, Texas, will ex. native Cacti for Aloe vera.

Mrs. R. H. Goodhue, 3 Merrimack Square, Lowell, Mass., will ex. seeds of mixed Digitalis for choice seeds or native or cultivated bulbs or plants.

Mrs. Silas Rider, Maryland, N. Y., has Sweet William Pink seeds and plants to ex. for choice plants.

Emma Schoonmaker, Box 52, Merrill, Mich., will ex. choice Roses for white Lilac, well rooted, Trumpet Vine or Snowballs and Geraniums for Hydrangea.

Mrs. M. Peters, 241 Lulu Ave., Wichita, Kansas, has Tuberoses, vines and plants to ex. for bulbs and plants; will ex. list.

Mrs. G. S. McClinton, Windsor, Mo., will ex. Sword Fern, Caladium and Sansevieria for Auratum, Harrisii or Candidum Lilies; write.

Mrs. Chas. Crowell, Mt. Pisgah, Ind., has Zinnia, Morning Glory, Nigella, Chrysanthemums to ex. for other kinds of flowers.

Mrs. Nettie Calvin, Pine Grove, Cal., has Madeira bulbs to ex. for other flowers; send list.

Mrs. Hawkins, Box 51, Helenwood, Tenn., will ex. Dahlias, Cannas, Rudbeckia Golden Glow, Water Hyacinths and seeds for plants and seeds; write.

A. H. Kopley, Effingham, Ill., has hardy Passion Vines, Hibiscus, pink and white and Mexican Dahlia to ex. for Lily bulbs or free-blooming perpetual Roses.

H. H. Wirt, Broken Bow, Neb., will ex. choice double Hollyhock seeds for Tulips, Narcissus, Hyacinths.

Mrs. Enos Knowlton, Cambridge, Nova Scotia, will ex. seeds, Lily of Valley and Iris for seeds or bulbs.

Mrs. J. C. Pybas, Oklahoma City, O. T., will ex. Oleander, double Petunia, double Portulaca, seeds, plants, bulbs for others not in her collection.

Mrs. Ross Chilson, Yelm, Wash., will ex. Star of Bethlehem, white Poeticus, and English Ivy for red or white Peony or Day Lily.

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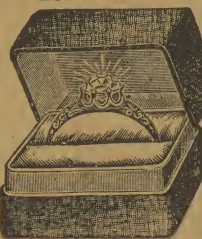
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